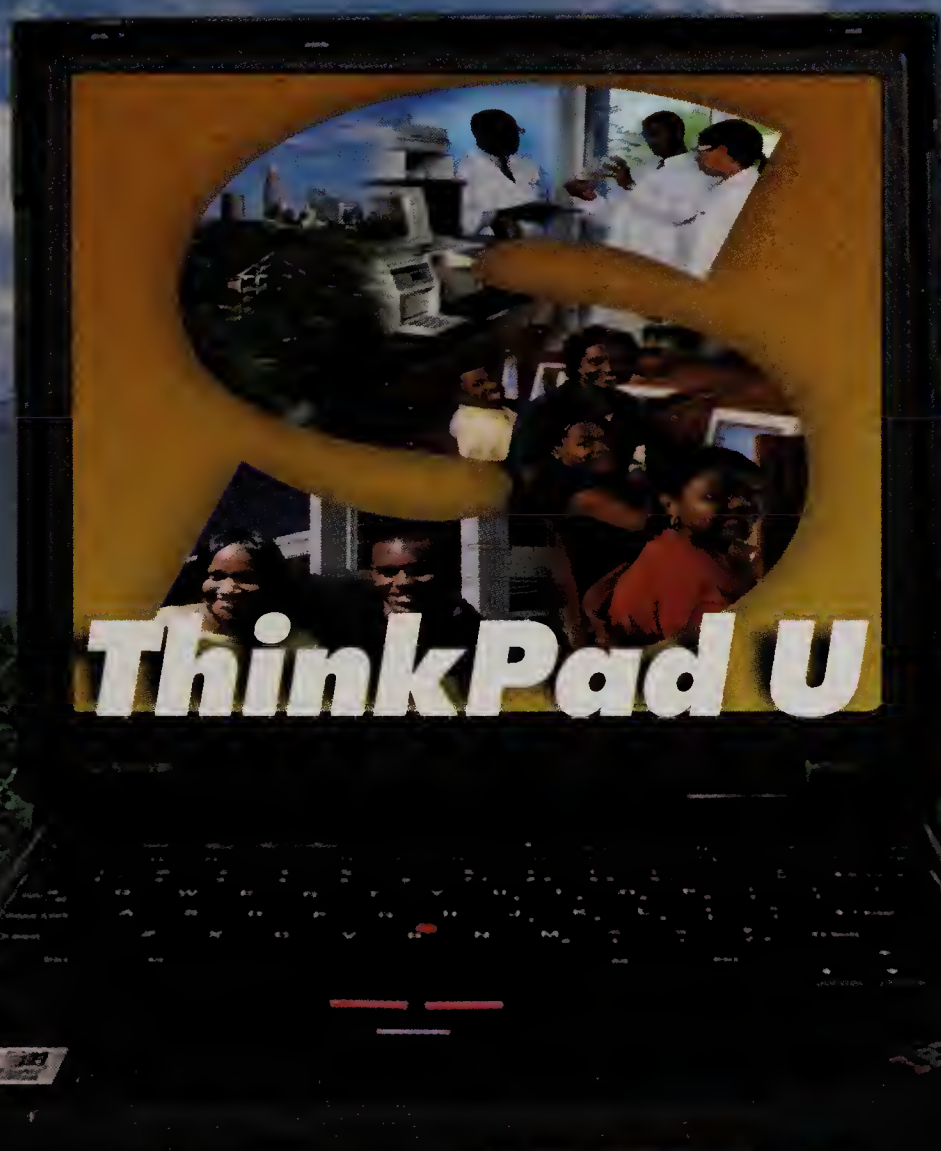


Johnson C. Smith University

2000-2001 Catalog



America's only HBCU IBM ThinkPad® University

JOHNSON C. SMITH UNIVERSITY

IS ACCREDITED BY

Association of Collegiate Business Schools and Programs
The Southern Association of Colleges and Schools
National Council for Accreditation of Teacher Education

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The State Department of Public Instruction

AND HOLDS MEMBERSHIP IN THE

American Assembly of Colleges and Schools of Business
American Association of Colleges for Teacher Education
American Association for Collegiate Registrars and Admissions Officers
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National Association of Equal Opportunities in Higher Education
National Association of Independent Colleges and Universities
National Association of Foreign Student Affairs
National Association of Student Financial Aid Administrators
National Association of Student Personnel Administrators
National Collegiate Honors Council
North America Association of Summer School Sessions
North Carolina Association of Colleges and Universities
North Carolina Association of Colleges for Teacher Education
North Carolina Association of Independent Colleges and Universities
Southern Association of College Registrars and Admissions Officers
United Negro College Fund

Admission to, employment by, and promotion within the University shall be on the basis of merit, and there shall be no discrimination on the basis of race, color, creed, sex, national origin, or disability.

JOHNSON C. SMITH UNIVERSITY

UNIVERSITY

CATALOG 2000-2001

CHARLOTTE, NORTH CAROLINA

28216-5398

www.jcsu.edu

As a private educational institution, the University and student enter into a contractual relationship with one another. This Catalog, the Student Handbook and other documents and regulations of the University are part of the contract the student has with the University. These materials are made available to the student at or before admission and enrollment. The student on admission is obligating himself or herself to submit to and be governed by the reasonable rules and regulations contained in these materials. Students are encouraged to read these materials and familiarize themselves with their contractual obligations. The University reserves the right to change fees, tuition or other charges; to add or to delete courses; to revise academic programs; or to alter regulations and requirements as deemed necessary. Johnson C. Smith University offers both equal education and equal employment opportunities.

Johnson C. Smith University, Incorporated shall continue the present policy of admitting students of any race, color, sex, national and ethnic origin, to all rights, privileges, programs and activities generally accorded to or made available to students at the University.

An Affirmative Action/Equal Opportunity Institution.

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UNIVERSITY CALENDAR

2000 - 2001

ACADEMIC CALENDAR

FALL SEMESTER

Thur. July 20-23	Golden Bull Academy
Fri. Aug. 18	Last Day to Validate to Retain Advance Registration
Fri. Aug. 18	Faculty Report for Duty New Faculty Orientation
Fri. Aug. 18	Pre-School Conference for Faculty/Staff
Sat. Aug. 19-26	New Student Week
Sat. Aug. 19	New Students Check into Residence Halls 9:00 a.m. - 5:00 p.m.
Sun. Aug. 20	Placement Tests Financial Affairs, Admissions, and Financial Aid Offices - Open)
Mon. Aug. 21	Continuation of Placement Tests/ Advisement
Tue. Aug. 22	Advisement and Registration New Student Registration
Wed. Aug. 23	Residence Halls Open for Upper Class Students
Wed. Aug. 23-25	Registration Laptop Distribution
Thur. Aug. 24	Academic Orientation for Freshmen
Mon. Aug. 28	FIRST DAY OF CLASSES Laptop Training
Fri. Sept. 1	Last Day to Fill Out Legislative Grant Form For Fall Semester
Mon. Sept. 4	Labor Day (University Holiday)
Tue. Sept. 5	Last Day to Add Courses
Tue. Sept. 5	Last Day to Enroll For Fall Semester
Thur. Sept. 7	Opening Convocation
Wed. Sept. 20	Graduate and Professional Schools Day (GAPS)
Thur. Sept. 21	Career Fair
Fri. Sept. 22	Last Day to File For December Graduation
Thur. Sept. 28	Last Day to Submit Proof of Immunization
Mon. Oct. 9	Last Day to Remove Incomplete From Spring
Mon. Oct. 9	Standardized Testing Day (No Classes)
Tue. Oct. 10-11	Mid-Semester Examinations
Thur. Oct. 12-15	FALL SEMESTER BREAK
Fri. Oct. 13	Mid-Semester Grades Due in the Registrar's Office (12:00 Noon)
Fri. Oct. 20	Last Day to file Application for Student Teaching in the Spring Semester
Fri. Oct. 20	Last Day to Drop Courses
Fri. Oct. 27	Last Day to Withdraw with Refund Adjustment

Sat. Oct. 28	HOMECOMING
Mon. Oct. 30-Nov. 3	Advisement for Spring Registration
Fri. Nov. 3	Last Day to Withdraw Officially From the University (No Refund)
Mon. Nov. 6-10	Advance Registration
Thur. Nov. 9	HBCU Internship and Cooperative Education Fair
Tue. Nov. 21	Last Day to complete Community Service Hours documentation for December graduation
Wed. Nov. 22-26	Thanksgiving Holiday (Classes end at 5:00 p.m., Wed. Nov. 22, 2000)
Mon. Nov. 27-Dec. 1	Mandatory Return of Laptops
Sun. Dec. 3	Annual Christmas Vesper Service by the University Choir
Mon. Dec. 4	Last day to Submit completed Senior Paper to University Committee for December graduation Last Day of Classes
Tue. Dec. 5-9	Final Examinations for Fall Semester
Sat. Dec. 9	Residence Halls Close (5:00 P.M.)
Mon. Dec. 11	Grades Due in the Registrar's Office (9:00 a.m.)
Fri. Dec. 15 - Jan. 4	Academic Recess Christmas Break (University Closed)

SPRING SEMESTER

Fri. Jan. 5	Staff Reports
Sun. Jan. 7	New Students check into Residence Halls (9:00 a.m.-5:00 p.m.)
Mon. Jan 8	FACULTY REPORT FOR DUTY Last Day to Validate to Retain Advance Registration
Mon. Jan. 8	Placement Tests (a.m.) Advisement (p.m.)
Tues. Jan. 9	Orientation - Freshman/Transfer Students Entering For the Spring Semester Returning Students will check into Residence Halls
Tues. Jan. 9-10	Registration Laptop Distribution
Thur. Jan. 11	FIRST DAY OF CLASSES
Fri. Jan. 12	Last Day to Complete North Carolina Legislative Grant Form For the Spring Semester
Mon. Jan. 15	Martin Luther King's Birthday (University Closed)
Thur. Jan. 25	Last Day to Add Courses Last Day to Enroll For Spring Semester
Mon. Jan. 22-26	Religious Emphasis Week
Fri. Feb. 2	Last Day to File for May Graduation
Mon. Feb. 5	Last Day to Submit Proof of Immunization Record (NEW students)
Tue. Feb. 20	Standardized Testing Day (No Classes)
Wed. Feb. 28-Mar. 1	Mid-Term Examinations
Sun. Mar. 4-11	SPRING RECESS (Residence Halls will remain Open)
Mon. Mar. 5	Mid-Term Grades Due in The Registrar's Office (9:00 a.m.)
Fri. Mar. 9	Last Day to Remove Incomplete From Fall 2000
Mon. Mar. 12	Last Day to Drop Courses
Tue. Mar. 13	Last Day to complete Community Service Hours documentation for May graduation
Mon. Mar. 19	Last Day to Withdraw With Refund Adjustment
Mon. Mar. 19-23	Advance Registration For Fall Semester (Fall 2001)
Tue. Mar. 20	Senior Convocation
Wed. Mar. 21	Last Day to Withdraw Officially From The University (No Refund)
Thurs. Mar. 29	JCSU Family Day (Classes end at 12:00 Noon)
Sat. Mar. 31	Parent's Day
Sun. Apr. 1	Founders' Day
Tue. Apr. 3-5	International Poetry Festival
Tue. Apr. 10	Honors Convocation
Tue. Apr. 10-12	Advance Registration For Summer School 2001
Fri. Apr. 13-16	EASTER HOLIDAY (UNIVERSITY CLOSED) (Residence Halls will remain Open)

Tue. Apr. 17	LAST DAY to submit completed Senior Paper to University Committee for May graduation
Fri. Apr. 27-May 2	Mandatory Return of Laptops
Sat. Apr. 28	LAST DAY OF CLASSES
Mon. Apr. 30	Reading Day
Mon. Apr. 30-May 1	Final Examinations for Graduating Seniors
Tue. May 1-5	FINAL EXAMINATIONS FOR SPRING SEMESTER
Wed. May 2	Grade Reports for Graduating Seniors Due in Registrar's Office (9:00 a.m.)
Sat. May 5	Residence Halls Close for ALL but Seniors (12 Noon)
Mon. May 7-11	Senior Week
Thur. May 10	Senior Baccalaureate
Fri. May 11	Grade Reports for Non-Graduating Seniors Due in Registrar's Office (9:00 a.m.)
Sun. May 13	COMMENCEMENT (Residence Halls Close for Seniors)
Mon. May 14	Faculty/Staff Appreciation Day
Mon. May 14-15	Post School Conference
Mon. May 28	Memorial Day Holiday (University Closed)
Sun. June 3	Summer School Students check into Residence Halls (9:00 a.m. - 5:00 p.m.)
Mon. June 4-July 13	SUMMER SCHOOL
Tue. July 4	4th of July Holiday (University Closed)
Sat. July 14	Residence Halls Close (5:00 p.m.)



GENERAL INFORMATION

HISTORY

In 1867 the Reverend S. C. Alexander and the Reverend W. L. Miller saw the need to establish an institution in this section of the South and began to devise such plans as would secure the desired results. On April 7, 1867, at a meeting of the Catawba Presbytery in the old Charlotte Presbyterian Church, formerly located at the corner of D and Fourth Streets, Charlotte, North Carolina, the movement for the school was formally inaugurated, and these two ministers were elected as teachers.

Information concerning the establishing of the school was brought to the attention of Mrs. Mary D. Biddle, a devout churchwoman of Philadelphia, Pennsylvania, who, through appeals on behalf of the work in one of the church papers, pledged \$1400. In appreciation of this first and generous contribution, friends of the project requested Mrs. Biddle to name the newly established school after her late husband, Major Henry Biddle. After the request was granted, the school was named Biddle Memorial Institute and later was chartered by the State Legislature under that name.

The first eight acres of land used as the site for the school were donated by Colonel W. R. Myers, a wealthy citizen of Charlotte, North Carolina. From 1867 to 1876 the school was known as the Biddle Memorial Institute. In 1876 the charter was changed by the Legislature of North Carolina, and the name of the school became Biddle University. The institution operated under this name until 1923.

From 1921 to 1922 the late Mrs. Jane Berry Smith, of Pittsburgh, Pennsylvania, gave funds for the erection of a theological dormitory, a science hall, a teachers' cottage, and a memorial gate at Biddle University. In addition she provided a handsome endowment for the institution in memory of her late husband, Johnson C. Smith. In recognition of these generous benefactions, the Board of Trustees voted to change the name of the institution to Johnson C. Smith University. The charter of the school, accordingly, was so amended March 1, 1923, by the Legislature of the State of North Carolina. From 1923 until her death in October 1929, Mrs. Smith gave funds for the erection of five more buildings, including a campus church.

The University was further strengthened from 1924 to 1925 as a result of a substantial provision by James B. Duke, a wealthy, "wise, magnanimous" businessman of Somerville, New Jersey. Mr. Duke also

had a home in Charlotte and had been contacted by the President of the University, Dr. H. L. McCrorey, several years earlier for a contribution. Mr. Duke did not respond to Dr. McCrorey's letter, but in the authorization of the establishment of the Duke Endowment on December 11, 1924, Johnson C. Smith University was included as one of the beneficiaries. Through the years the Duke Endowment has been of inestimable value to the continued development of the University.

Also in 1924, the institution was recognized by the North Carolina State Board of Education as a four-year college. In 1929 the high school department was discontinued, and the standard program was restricted to a college of liberal arts and sciences and a theological department.

In 1932 the University's charter was amended, providing for the admission of women to the senior division. The 65-year-old institution for men then became partially coeducational.

In 1938 the institution attained the status of an independent college, affiliated with the Presbyterian Church in the United States of America, reporting to the General Assembly through the Board of Christian Education.

The first residence hall for women, named in memory of James B. Duke, was dedicated in 1940. In 1941 women were admitted to the freshman class. When the Diamond Jubilee was celebrated in 1942, the University was a fully coeducational institution.

Johnson C. Smith University joined the United Negro College Fund in 1944. This fund was organized primarily to help church-related schools of higher learning to revamp their training program, to expand their plants, to promote faculty growth, and to create new areas of service. The institution's membership in the fund began to bear fruit immediately.

In November 1955, the Henry Lawrence McCrorey Theological Hall was dedicated and provided a new home for the 88 year-old seminary and its library. This new facility also provided space for a small chapel, classrooms, and offices. In 1969 the theological department was moved from Charlotte, North Carolina, to Atlanta, Georgia, and became a part of the Interdenominational Theological Center. McCrorey Hall is now a classroom building for religious education, philosophy, sociology, and other academic areas.

Through increasing support from the Duke Endowment, the United Negro College Fund, and other sources, the period between 1955 and 1968 was one of expansion of the physical plant and enrichment of the curriculum. Seven new buildings were erected during this period: the gymnasium (1960), the Hardy Liston Residence Hall for women (1962), the University Memorial Union (1965), the Duke Memorial Library (1967), Myers Residence Hall for men and Sanders Residence Hall for women (1967), and a new science building (1968).

The year 1967 was a memorable one for all Johnson C. Smith University (formerly Biddle) alumni and friends. The University had reached

its one hundredth anniversary. During this historic centennial occasion, the institution examined its past and made innovative and creative plans for the future.

Since 1968, nine additional structures have been erected: the Johnson/Seabrook Education Building and Mary Irwin Belk Early Childhood Education Center, Greenfield Hall, the Lionel H. Newsom Humanities Building, the Robert L. Albright Honors College Center, the Faculty Center, the Edward E. Crutchfield, Jr. Center for Integrated Studies, a new dormitory yet unnamed, and a recently completed Technology Center.

The present site contains 100 acres of land and 46 buildings. The University has more than fourteen hundred students and approximately 240 full-time faculty members, administrators, and staff members for administrative and support services.

Increasingly aware that today's demand for truly educated men and women is the most pressing in history and that quality and versatility are prerequisites to equal opportunity for all, Johnson C. Smith faces the challenge of its second century with new vision and a calculated plan of action.

PURPOSE/Mission Statement

Founded in 1867 under the auspices of the Committee on Freedmen of the Presbyterian Church, U.S.A., Johnson C. Smith University is an independent, private, coeducational institution of higher learning. Located in the rapidly growing metropolis of Charlotte, North Carolina, "Queen City of the South", this historically African-American university has a residential campus with a familial atmosphere in which students are stimulated and nurtured by dedicated, caring faculty and staff. Consistent with its Christian roots, the University recognizes the importance of moral and ethical values to undergird intellectual development and all endeavors. Johnson C. Smith believes in the unrelenting pursuit of knowledge and the values of cultivating the life of the mind. The University assigns great significance to the development of self-confidence, to the understanding of one's own heritage as well as an awareness of the cultures of others, to the exploration of the myriad forces affecting people of this complex, technological age, and to the formulation of a sense of one's role in this schema.

The mission of Johnson C. Smith University is to provide an outstanding education for a diverse group of talented and highly motivated students from various ethnic, socioeconomic, and geographical backgrounds. Johnson C. Smith offers a liberal education in conjunction with concentrated study in specialized fields in preparation for advanced study and specific careers.

The University endeavors to produce graduates who are able to communicate effectively, think critically, learn independently as well as collaboratively, and demonstrate competence in their chosen fields.

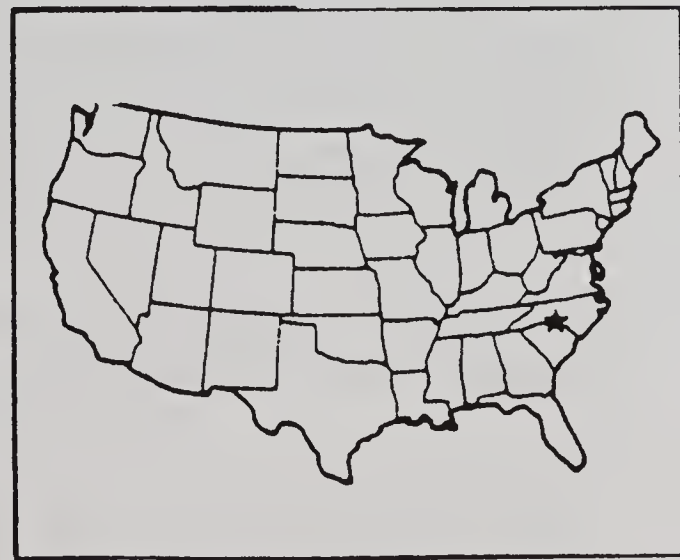
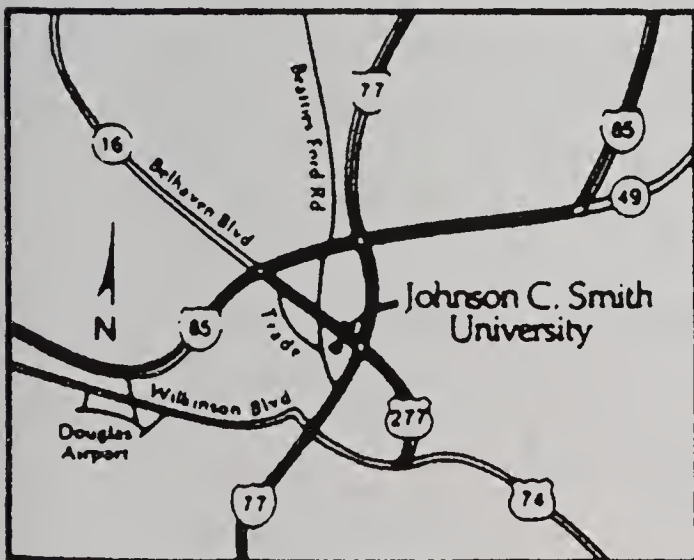
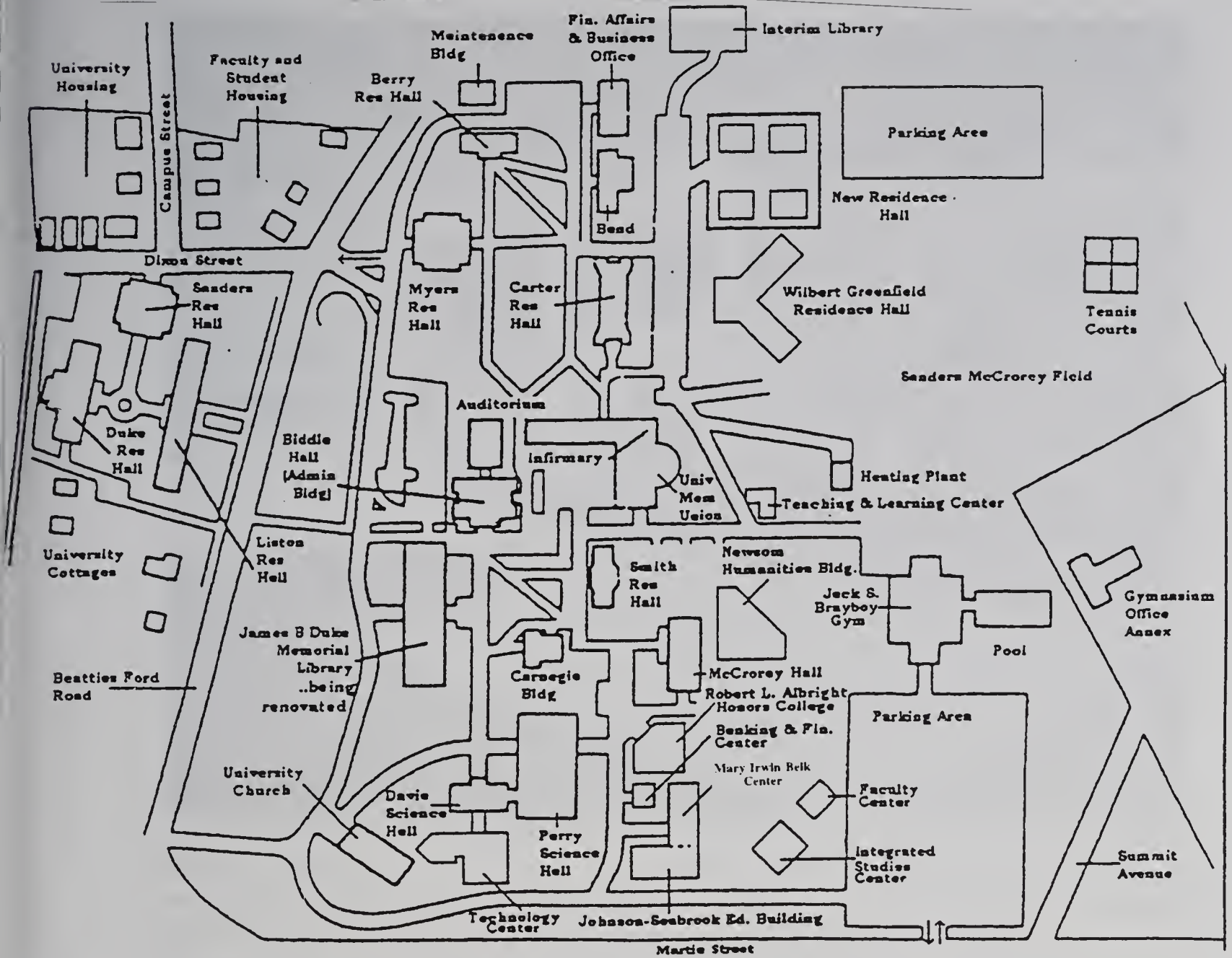
Further, it provides an environment in which students can fulfill their physical, social, cultural, spiritual, and other personal needs and in which they can develop a compelling sense of social and civic responsibility for leadership and service in a dynamic, multicultural society. Likewise, the University embraces its responsibility to provide leadership, service, and lifelong learning to the larger community.

Regarding teaching effectiveness as paramount in its educational enterprise, Johnson C. Smith has a commitment to the recruitment and retention of an outstanding faculty. To this end, the University promotes faculty development, encourages faculty involvement in research and other creative activities, and endorses the principles of academic freedom.

To insure the integrity and stability of its status and the perpetuation of its rich legacy, Johnson C. Smith University has a firm resolve to maintain the fiscal and human resources requisite to be a truly distinctive institution—a hallmark of excellence in its students, faculty, staff, administrators, academic and other programs, facilities, operations, and environment.



CAMPUS MAP



Johnson C. Smith University is located at 100-300 Beatties Ford Road near the intersection of West Trade Street, Fifth Street, and Rozzelles Ferry Road in Charlotte, North Carolina. Charlotte is served by the major airlines, by Greyhound-Trailway buses, and by Amtrak. The campus is easily accessible from Interstates 85 and 77.



BUILDINGS

Banking and Finance Center, a special facility equipped to support students concentrating in Banking and Finance has its own computer classroom with eight terminals networked to the University central computer system, a seminar/conference room and a comfortable living room with fireplace.

Biddle Memorial Hall, constructed in 1883, contains the administration offices of the University, conference rooms, and classrooms. The building consists of five stories, including the basement. Biddle Memorial Hall is located on the highest knoll of the campus and may be seen from almost any section of the city.

Carter Hall, built in 1986, is a residence hall. The original building was a gift of Miss Laura Carter of Geneva, New York. In 1955 the building was completely modernized on the inside, leaving the outside walls to retain the original architecture. It houses 99 students and contains a lounge, recreation area, and living quarters for the director.

Johnson C. Smith Memorial Hall, built in 1922, accommodates 54 students. It was named for the late Johnson C. Smith of Pittsburgh, Pennsylvania.

Berry Hall, a residence hall constructed in 1924, stands at the northern end of the campus. It has four stories, including a basement. This residence hall, which was given in memory of the late Mrs. Smith's parents, has a reception parlor and houses about 52 students.

The James B. Duke Memorial Hall, the first residence hall to be constructed on the campus for the housing of female students, is located across Beatties Ford Road on the west side of the University campus. The three-story building, built in 1941, houses 101 students, the director's office, laundry facilities, storage rooms and a refurbished Parlor area.

Carnegie Hall, which housed the library from the date of its construction in 1911 to 1968, is now occupied by the Offices of Career Planning and Placement, Financial Aid, and Residence Life.

The Jane M. Smith Memorial Church, located near the former entrance to the campus, is a gift of the late Mrs. Jane Berry Smith. This beautiful building, erected in 1928, provides space for religious, cultural, and social activities.

Smith Cottage, originally built in 1926 as the winter home for Mrs. Johnson C. Smith, now houses the Counseling and Testing Center and the University Chaplain.

The Henry Lawrence McCrorey Memorial Hall, dedicated on November 12, 1955, was formerly the administration building for the School of Theology. It was erected from funds raised by alumni, churches in the Catawba, Atlantic, Blue Ridge, and Canadian Synods, local friends, and the Building Fund Campaign of the Presbyterian

Church, U.S.A. It contains three stories, including space for classrooms, offices, Social Science Lab, and Social Science Library.

The Hartley Woods Hall, a gift of the late Mrs. Jane Berry Smith, was the original campus gymnasium and is situated at the northern end of the campus. Built in 1928, it now houses the Offices of Financial Affairs.

The Jack S. Brayboy Gymnasium, was completed in 1961. It is a split-level brick and steel structure with a main playing floor, a seating capacity of 2500, two lobbies, and accessory equipment and storage rooms on the upper level. On the lower level are five instructors' offices, two classrooms, the main equipment and storage rooms, and the main physical education locker and towel rooms.

A glass-enclosed corridor connects the Pool Building with the lower level of the gymnasium. The swimming pool, which is seventy-five feet long and forty-two feet wide, meets indoor Olympic regulations. The depth of the pool is from three to ten feet.

Liston Hall, constructed in 1962, is a residence hall. Of modern design, the building will accommodate 144 students. It has two lounges, a Computer Laboratory, and other facilities adequate for convenient living. The building was named in memory of Dr. Hardy Liston, who served as president of the University from 1947 until his death in 1956.

The University Memorial Union, constructed in 1965, is a three-story building which includes a cafeteria, a snack bar, conference rooms, faculty and student lounges, a bookstore, a post office, staff offices, recreational facilities, and the University Health Center.

The James B. Duke Memorial Library, located near the center of the campus, is available to JCSU students, faculty, staff, and the surrounding community. It is open seven days a week for a total of 87 hours per week.

The library actively supports the goals of the University and is committed to making available a broad range of information and services consistent with those ideals. The library offers educational resources in print, audiovisual, electronic, and online formats. Materials not available in the James B. Duke Memorial Library may be obtained through interlibrary loans and area consortium memberships.

Comfortable reading areas are provided to meet the needs of all library users. The library will experience a renovation and expansion during the 1998-99 school year that will nearly double the current size and add individual and group use areas that are consistent with the growth of educational technologies in libraries.

Policies, designed in the interest of all users of the library are included in the Library Guide, available at the Circulation Desk.

Myers Hall, completed in 1967, accommodates 120 students. A modern four-story structure, the building has on the first floor an apartment for the director, a two-room suite for counselors, lounge, Computer Laboratory, TV room and laundry facilities.

Sanders Hall, built in 1967, accommodates 119 students. The four-story building has on the first floor two apartments (one for the director), a snack bar, a grooming room, laundry facilities, and a Computer Laboratory.

The Science Center. The Science Center is composed of the George E. Davis Science Hall, constructed in 1923, and the Rufus Patterson Perry Science annex which was completed and occupied in September 1968. This tri-level structure was dedicated on April 2, 1978 in honor of the eighth president of the University, Dr. Rufus P. Perry.

The Science Center is fully equipped for teaching, research and has classrooms, offices, and laboratories which facilitate experimental work in chemistry, the life sciences, mathematics, physics, earth science, psychology, and computer science.

The Johnson/Seabrook Education Building and Mary Irwin Belk Center. In June of 1976 Johnson C. Smith University began construction of a new facility to house the Education and Business/Economics Departments. Major donors who contributed to the facility were: The Belk Family Foundation; Department of HEW Higher Education Facilities; the Kresge Foundation; Observer Charities and the Z. Smith Reynolds Foundation.

Greenfield Hall, was dedicated on April 19, 1985. It is a residence hall of modern design. The building houses 213 students. On the main floor is the office of the Residence Coordinator, the main lounge and a vending area. The library along with two conference rooms are located on the third floor where residents have the opportunity to interact within the building. The lower level houses the laundry room and storage area. The building is named for the former president of the University, Dr. Wilbert Greenfield, who served from 1972 to 1983.

The Lionel H. Newsom Humanities Building, completed in 1986, is a classroom facility with faculty offices. Of modern design, the building contains 21 offices, 10 classrooms, a computer laboratory, a language laboratory, a lecture hall, a conference room, and a staff lounge.

The Robert L. Albright Honors College Center, constructed in 1990, is a multipurpose facility. Of modern design, it has residential suites for 16 students, seminar rooms, special guest quarters, computer laboratory, conference rooms, and a foyer and living room in which notable art works are displayed.

The Faculty Center, constructed in 1991, is a multi-purpose facility of modified Georgian design. It has a living room, leisure activities rooms, a dining area, and library on the first floor. On the second floor are four faculty studies, the Executive Study, the President's study, and the Faculty Development Center.

The Edward F. Crutchfield Center for Integrated Studies, constructed in 1993, is a facility designed to support faculty activities in integrated studies. On the first floor are conference facilities. Faculty studies and research areas are on the second floor.

Technology Center. The Johnson C. Smith University Technology Center, constructed in 1997, is a 23,000 sq. ft., three stories high tech facility. The Center has nine high tech computer telecommunications and electronics state-of-the-art laboratories. It is designed to offer high tech education for Johnson C. Smith University students. It is also designed to support both student and faculty research in the new era of information technology and telecommunications revolution. In addition, the Center hosts a teleconferencing facility, technical library, classrooms and an auditorium.

The New Residence Hall, constructed in 1993, is a modern cloister-courtyard complex. The co-ed living facility includes single room occupancy, comprised of six (6) bedrooms, two (2) baths, living room, kitchenette and dining area in a townhouse setting. Each bedroom in every suite offers private telephone, cable TV outlets and a spacious closet for personal belongings.

This new complex features a large theater style community room, a computer room which overlooks a living room complete with a gas fire place, laundry facilities, office, full kitchen and a private reading room. This magnificent facility houses 210 students.

PUBLICATIONS

The *Johnson C. Smith University Catalog* and admission materials are published by the University.

The Bull, the yearbook, is published annually by the students.

The Newsletter and the *State of the Union* are published by the Office of Development.

The JCSU News, the campus newspaper, is published periodically during the school year by students and the Communications Arts Department.

The Student Handbook is published by the Office of Student Affairs as a guide to student life at the University and sets out in detail various rules and procedures to which students adhere.

The Treewell is published by the Department of English and Fine Arts.

The *Undergraduate Research Journal* is published annually by the Undergraduate Research Journal Committee.

ADMINISTRATIVE STRUCTURE

Board of Trustees

The Board of Trustees exercises final authority over all University governance within the limits of the established charter granted to the institution by the State of North Carolina. The Trustees delegate authority to various divisions of the University through the president. The officers of the University are delegated a portion of the responsibility

for functions within the University. Brief descriptions of these offices and responsibilities follow.

Officers of the University

The President of Johnson C. Smith University is appointed by the Board of Trustees and is an ex-officio member of the board. The other officers of the administration are appointed by the Board of Trustees upon the recommendation of the President. The following positions comprise the officers of Johnson C. Smith University; president, vice president for academic affairs, vice president for business and financial affairs, vice president for student affairs, and vice president for development.

Office of the President: All officers of the University report directly to the president and, through him, to the Board of Trustees. Reporting directly to the president are four vice presidents.

Office of the Vice President for Academic Affairs: The Vice President for Academic Affairs is the chief administrative officer for all academic programs. All academic officers report through this office to the president. These include the associate vice president for academic affairs, the registrar, the librarian, the director of summer school, the Deans of the Colleges, and the Director of the Teaching and Learning Center.

Office of the Vice President for Student Affairs: The Vice President for Student Affairs is the chief administrative officer responsible for the management of student affairs. In addition to the Assistant Vice President for Student Affairs, those reporting to this office are the directors of counseling and testing, university union, health services, career planning and placement, upward bound, residence life, and the university chaplain.

Office of the Vice President for Business and Financial Affairs: The Vice President for Business and Financial Affairs is the chief administrative officer responsible for the business and financial operations of the University. Reporting to this office are the assistant vice president and comptroller, director of administrative services, the benefit coordinator, and the director of the physical plant, and the director of human resources.

Office of the Vice President for Development: The Vice President for Development is the chief administrative officer responsible for programs of support and communication. Reporting to this office are the assistant vice president for development, director of alumni affairs, director of university relations and sports information.

STUDENT AFFAIRS

The Division of Student Affairs is responsible for all aspects of student life and welfare on the campus. Through its various departments, the Division implements a comprehensive program of student development. The Division of Student Affairs is also responsible for establishing policies and procedures affecting student life and conduct.

Student participation in campus governance and student life is viewed as a complement to the educational process. In its advisory role to the Student Government Association, the Division of Student Affairs promotes student involvement, leadership development, and opportunities to influence decision-making. The Assistant Vice President/Dean of Students recommends and appoints students to various University boards and committees, and staff within the Division serve as advisers to numerous student organizations.

The Division of Student Affairs, through its seven constituent departments, encompasses almost every aspect of student life outside the classroom. Together they assist and support students in acquiring the necessary competencies for holistic development and a satisfying educational experience. The departments, each of which is headed by a director, are as follows: Office of Career Services, Counseling and Testing, Health Services, Residence Life, Student Activities/Student Union, and Upward Bound. The University Chaplain's office, which is responsible for campus ministry, is also under the auspices of the Student Affairs Division. The Assistant Vice President for Student Affairs/Dean of Students has responsibility for the University's judicial system and advises the Pan Hellenic Council.

In its quest to meet the developmental needs of maturing young adults, the Division of Student Affairs sets forth the following goals, they are:

- a. To ensure opportunities for positive interaction among students through which they may acquire and develop positive social interpersonal communication and leadership skills;
- b. To sponsor extracurricular activities which transform leisure and recreation time into informal learning experiences, broaden the students' cultural awareness and appreciation, and facilitate positive interaction among students, faculty, staff, and the community;
- c. To assist students in acquiring the necessary resources for financing their education, and understanding and accepting their responsibilities as consumers and borrowers;

- d. To provide safe, clean on-campus housing that supports the concept of “living/learning” and provides students with resources for study, exploration, and community living;
- e. To cultivate an environment on the campus within which students may examine their personal values, attitudes, and beliefs;
- f. To foster career development through orientation about graduate and professional school opportunities, experiential learning, acquisition of job-entry skills, placement services, and awareness of job market trends and projections; and
- g. To implement a disciplinary system that is based on education rather than punishment, is grounded in the principal of “fundamental fairness” and recognizes students’ rights, offers opportunities for students to assume responsibility for the consequences of their actions, and allows for peer involvement in judicial decision-making.

It is the aim of the Student Affairs Division to provide these services through a cadre of trained and dedicated staff, within an environment of challenge and support, and with caring concern and respect for students individually and collectively.

Membership in The University

Enrollment at Johnson C. Smith University is granted on the basis of an agreement with the University; it is not an inherent right. Each student is obligated, as a part of this agreement, to observe the rules, regulations, standards, and guidelines of the University as found in the University Catalog, the Student Handbook, regulations governing life in University student residences, and other policies and procedures published as official University pronouncements.

The University functions as a viable collegiate community only when those within the community adhere to certain standards. These guidelines form the framework for the harmonious interaction of the individual and others. The University believes that certain rights and responsibilities are indispensable to the achievement of the purposes of higher education. These rights and responsibilities apply to administrators, faculty, staff and students, since the viability of the institution is dependent upon the cooperation and support of all its constituencies. The University’s Standards of Conduct includes statements of the specific provisions governing appropriate student conduct and the range of sanctions that may be imposed upon persons who violate these standards. The Standards of Conduct are published in the Student Handbook and each student has a responsibility to become familiar with this document and with various other publications and regulations as promulgated by the University.

The University reserves the right to cancel the enrollment of any student who breeches this agreement or who violates the rules of the

University when it is determined, through the established processes, that a student has breeched University rules.

Disciplinary Procedures

The aim of disciplinary procedures is to encourage responsible behavior, to maintain social order, and to protect the rights of persons in the University Community. The implementation of disciplinary procedures is held to be a function of the educational and developmental process. Essential to the aim of disciplinary procedures is the principle of “fundamental fairness,” which provides the framework for the adjudication of student misconduct and breach of institutional policies and regulations. The spirit of the judicial process is based on good faith — a mutual trust between the University and the student.

The University’s judicial system is necessary for the adjudication of interpersonal differences, conflicts, misconduct, and violations. The system is comprised of the Student Judiciary Board, the University Judiciary Board, the Assistant Vice President for Student Affairs, and the Vice President for Student Affairs. Ad hoc judicial boards may also be established as needed. The President of the University, as supervisor of the administration of student discipline, also serves as the final appellate officer for sanctions of expulsion only.

Student Government Association

The Student Government Association (SGA) is comprised of all University students and is recognized by the University as the official student governing body. Under the leadership of its Executive Board, SGA represents students, investigates general concerns of student life, makes reports and recommendations to official bodies of the University, and carries out other activities as stipulated by its constitution. Three students from the SGA Executive Board serve as full voting members of the University Board of Trustees. The official advisor to the SGA is the Director of Student Activities/Student Union.

Programs, activities, and services are designed to cultivate and promote leadership skills. Through its various activities the Student Government Association provides opportunities within which students may apply their skills and knowledge.

Campus Ministry

Religious ministry on the campus creates an environment in which persons may grow spiritually. It provides activities for individual and group expression of religious interest and service, e.g., worship, seminars, and workshops. Students may also participate in Bible study, prayer groups, discussions of values and moral/ethical issues, and community service. In the program, there are sixteen ministries. The University Chaplain provides memorial services and grief counseling for the campus Community as the need arises.

Student Union and Student Activities

The University Memorial Union is a community center for the campus, fostering social, recreational, cultural, educational, and individualized interest activities.

The office of student activities area is intended to provide activities for the development of responsible group participation and avenues for social interaction, for creative use of leisure time, and for cultivation and expression of varied student interests.

Programs are administered through an organizational structure consisting of professional staff and the Union Program Board which is composed of students.

The Office of Student Activities/Student Union is also responsible for maintaining a list of all registered student organizations certifying and monitoring eligibility of officers and organizations, and registering those organizations that wish to remain active on the campus. Officers of student organizations, faculty, and staff work cooperatively to involve students in developing and maintaining an active student activities program. Individuals and groups needing assistance in planning and implementing activities may seek assistance from the Office of Student Activities/Student Union. Concerts, lectures, theater, dances, carnivals, workshops, table games, tournaments, cabarets, receptions, and banquets are but some of the activities which allow for interaction among members of the entire University community. Through the Lyceum Series program, faculty and staff in various departments also have the opportunity to sponsor and promote activities germane to their respective disciplines. The main objective is to help enhance the Student Activities/Student Union program as an instructional resource.

The Memorial Union building houses the Office of Student Activities/Student Union and the Student Government Association, meeting and conference rooms, the Greenlee-Spaulding Dining Hall, Lil Dino's snack bar, the University Post Office, bookstore, health center, J.A. Grimes Lounge, President's Dining Room, commuter student lounge, and faculty/staff dining room.

Eight national Greek-letter fraternities and sororities are recognized on campus: Alpha Kappa Alpha, Delta Sigma Theta, Kappa Alpha Psi, Alpha Phi Alpha, Omega Psi Phi, Phi Beta Sigma, Sigma Gamma Rho, and Zeta Phi Beta. Other Greek-letter organizations, including Alpha Phi Omega Service Fraternity, Iota Phi Theta, Kappa Kappa Psi Band Fraternity and Tau Beta Sigma Band Sorority have been active on the campus.

Upward Bound

The Upward Bound project is a pre-college preparatory program designed to assist high school students in (a) raising their high school grades, (b) determining their career goals, and (c) participating in a program of study and academic enrichment activities aimed toward

skill-building and personal growth so that they may move into some form of successful postsecondary experience.

The target groups served by the program include high school students who are low-income and/or potential first generation college students (i.e., neither parent has earned the bachelor's degree), and who have the potential for success in a post-secondary institution but, in the absence of the program, would not likely gain admission to or successfully complete college due to inadequate preparation and/or underachievement. Students may enter the program in the summer prior to their sophomore year and continue through the summer immediately after high school graduation.

Upward Bound includes a curriculum designed to develop competencies in basic academic skills, creative thinking, effective expression, and positive attitudes toward learning, which are needed for postsecondary educational success. Also included are tutorial services, comprehensive counseling, and such recreational and cultural activities to help students succeed.

The Upward Bound office is located on the lower level of the Carnegie Building.

Residence Life

Housing for students is provided in University-operated student residence halls. An individual must be admitted to the University and must pay the \$100 non-refundable matriculation fee and a \$150 non-refundable Housing Reservation Fee, before an application for housing will be accepted. The housing application must be filed each year. It is accompanied by the "Student Housing Agreement" booklet, which should be read carefully and in its entirety before the student signs the housing application/contract. Acceptance of a housing assignment constitutes an agreement by the student to the terms and conditions accompanying the assignment. Failure to comply with such terms and conditions, and other regulations as promulgated and announced by the University, may result in loss of housing.

The application for housing must be accompanied by a non-refundable \$150.00 room reservation fee. This fee is not applied to the student's cost of room and board and is not refundable. Payment of fee should be received no later than July 1st, otherwise, housing will not be secured or given priority.

Notification of approved housing is given via a "Student Housing Assignment" letter which is generally sent to the student. Since there is not always enough space to house all students who wish to live on campus, some students run a risk of not being able to secure on-campus housing. Such individuals will be given assistance upon request, but off-campus housing should be secured prior to coming to the University. The Office of Residence Life maintains a list of names of persons in the community who provide housing to students, although the University assumes no responsibility for the condition of such housing, terms of accommodations, supervision, payment of rent, etc.

Student housing and residential life are important parts of the student's educational experience. The "living and learning" focus emphasizes student growth through residence hall programs, students' development of personal, recreational, social, and interpersonal relationships. Students are also encouraged to participate fully in all hall activities and in their respective hall governance by serving as officers, actively voicing their concerns and opinions in residence hall matters, and engaging in program and services sponsored by the hall.

Office of Career Services

The Office of Career Services provides service to assist students with career exploration and planning through individual and group counseling, workshops and seminars. Some of the desired outcomes include enhanced resume preparation skills, development of successful job search strategies, interviewing and job readiness skills and use of the library of career information. Other programs and services include the following:

Job Placement: The Office of Career Services provides assistance to students seeking part-time, summer, and career employment. The Center maintains contact with businesses, industries, school systems, governmental agencies, non-profit and educational organizations. The office provides job listings and schedules campus recruitment visits and interviews by representatives of these organizations. Students are provided assistance in interview techniques, strategies for job seeking, and selection of positions in which their training and capabilities will be utilized.

System of Interactive Guidance and Information (SIGI): This is a computerized guidance system designed to help students plan a career. Through the use of a built-in career library, SIGI assists students in determining their values, interests and skills systematically, and in identifying careers that closely match the students' preferences.

Annual Programs and Workshops: The Office of Career Services annually sponsors a variety of activities including a Career Fair Job Fair, and the Black Exchange Program (BEEP).

The Counseling & Testing Center

The Counseling & Testing Center offers professional counseling to assist students in resolving emotional, social and developmental problems related to academic progress. The mission of the Counseling and Testing Center is fully integrated into the total college community and makes full use of community resources, particularly in the areas of mental health, alcohol and drug education, HIV/AIDS and STD awareness.

Counseling services at the University meet students' needs by: (1) providing support to students as they pursue their academic and life

goals; (2) facilitating and encouraging students to use counseling services as a positive means for personal growth and (3) promoting self understanding and self confidence. Services are offered in three components: individual and group counseling, graduate and professional school testing and educational programming. Counseling services are available to all students.

The Center's staff coordinates and provides various educational seminars that support personal development and enhance academic performance. Topics include time management, maintaining healthy relationships, drug and alcohol awareness, developing interpersonal skills, health matters and adjusting to the college environment. Student surveys and assessments are conducted periodically to determine student interest and satisfaction with these programs.

All individual counseling is provided within a confidential setting. Professional counselors work with students one-on-one to discuss any personal concern or academic difficulty. Group sessions are developed upon the need and interest of students with similar issues. Students seek the professional services of the Counseling and Testing Center for many reasons. Issues commonly affecting students are: emotional, social and developmental difficulties, concerns related to academic progress and direction, and relationships with peers, family and faculty.

The Counseling and Testing Center is a certified graduate and professional school testing site for the metropolitan Charlotte area. Various graduate school admissions tests are administered throughout the academic year according to dates selected by the Educational Testing Service. Registration and Information booklets are available for most graduate school exams.

The Counseling and Testing Center processes all student withdrawals from the University. Counseling is offered to assess reasons for leaving the University and to intervene as appropriate to support students in achieving their educational objectives.

Health Services

The Health Center provides routine medical health care for the treatment of minor injuries and illnesses. Health education and medical care are delivered through one Registered Nurse, one Licensed Practical Nurse, one Certified Nurse's assistant and two part-time Physicians.

Each student is required to submit a complete physical examination and immunization record before registration. Also, former students who have not been enrolled for a period of one year or more are required to submit a current health examination and immunization record before registering. North Carolina law also requires that each student submit proof of immunizations.

Individuals reporting to the Health Center for care will be evaluated and, treated appropriately. Prescriptions for subsequent medical needs may be given to the student to fill at his or her expense. Specialists are sometimes needed for students' illnesses and injuries which require

care beyond the services available through the Health Center. In such instances, Health Center staff will refer students to recommended specialists. Students in need of hospitalization will be referred to local hospitals. The cost of all health care services provided outside the Health Center is the responsibility of the student and his or her parents.

As a rule, the University does not provide transportation for medical care and attention. However, a cab voucher system may be used to facilitate the transportation of students to community health care providers. Ambulance services are available for use in case of serious illness or injury. Costs for ambulance services, hospitalization, etc., are the responsibility of the student and his or her parents.

Student accident and sickness insurance is provided as a part of the student health care program. All students are enrolled in the insurance program at a nominal cost paid at the time of registration. The insurance is provided as a supplement to the coverage available through the student's family insurance plan and is not intended to be comprehensive or to replace the family's responsibility for the student's health care. The cost of health care provided outside the Health Center and/or not covered by the student accident and sickness insurance plan is solely the responsibility of the student and his or her parents. Due to the escalating costs of medical care, parents and/or students without proper medical insurance are encouraged to subscribe to a personal medical insurance plan that would provide additional medical care and service if needed.

ADMISSIONS

ADMISSIONS POLICIES

Johnson C. Smith University is dedicated to educating individuals whose accomplishments demonstrate a high level of initiative, exhibit principled moral and ethical values, and possess the emotional and social maturity needed to thrive in a scholarly environment. The student who flourishes at Johnson C. Smith University has a history of academic success, is self motivated, and is committed to lifelong service to his or her community.

Candidates for admission must submit a scholastic record that shows their ability to do college level work. Full consideration is given to graduates from accredited secondary schools with consistent above average performance in the following courses: four units of English, two units of mathematics, one unit of laboratory science, and two units of social science. Students are also required to submit satisfactory results on the Scholastic Aptitude Test (SAT) or the American College Test (ACT).

All candidates for admissions are encouraged to submit no more than two letters of recommendation from guidance counselors or teachers in addition to a personal essay to support their application for admissions. (*optional*)

Each candidate for admission to Johnson C. Smith University is reviewed on individual merit. Although several criteria are used in determining the admission of each individual candidate, no one criterion is necessarily the most important.

Submission of materially false information in the application or school transcript will subject the student to immediate revocation and termination of his or her acceptance for admission. Such revocation of admission and enrollment shall be made by the Vice President for Student Affairs. An appeal of this decision may be made to the President, whose decision shall be final.

APPLICATION PROCEDURE

Each candidate for admission should submit the following to the Office of Admissions:

1. A completed application accompanied by the \$25 non-refundable application fee.

2. A transcript of his or her secondary school record.
3. Reports of his or her scores on the Scholastic Aptitude Test (SAT) or the American College Test (ACT).
4. Recommendations of guidance counselor or teachers. (*optional*)
5. Personal essay. (*optional*)

Freshman Admission Requirements:

Generally admission to the freshman class is limited to recommended graduates of accredited secondary schools. Applicants should have a minimum of sixteen units, including four units of English, two units of mathematics, two units of social science, and one unit of laboratory science. The University reserves the right to modify these requirements.

NOTIFICATION

Johnson C. Smith University notifies students of their admissions decisions upon receipt of all application materials.

EARLY ADMISSIONS

Highly motivated, above average high school juniors and seniors may be considered for admissions at Johnson C. Smith University while concurrently completing their secondary school graduation requirements. Students must have a minimum 3.0 GPA, submit SAT or ACT exam scores, and receive consent from their parents and the appropriate high school official. Early admissions is pending completion of secondary school graduation requirements.

Project Early Start is an early admission program designed especially for high school seniors in the Charlotte Metropolitan area who are interested in attending Johnson C. Smith University. Students selected for the program remain in their own high school through graduation, while simultaneously completing college-level courses at the University. These courses yield both college and high school credits. Students selected for the program under Track I are provided scholarships for tuition costs and allowed to complete up to six credits during each of the regular semesters of their senior year. Selected students must complete admissions applications for both the University and the Program, provide an official high school school transcript, present a minimum grade point average of 3.25, have a minimum SAT score of 1000 (a PSAT score of at least 100 or an ACT score of at least 20 may be substituted for the SAT score), provide two letters of recommendation from high school teachers, and receive parental consent for participation.

TRANSFER STUDENTS

An applicant from another accredited college or university may be considered for admission to Johnson C. Smith University if the applicant has an overall average of C or above. No transfer credit is given

for any course in which the applicant has earned a grade below C. Each transcript is evaluated on its own merits in light of its conformity with the program of study in the curriculum of Johnson C. Smith University. Transfer students with more than 12 transferable credits are not required to submit high school transcripts.

The Admissions Committee will consider for regular admission only those transfer applicants who are in good standing with the institution from which they are transferred.

The University generally will accept a maximum of sixty-four credit hours from a junior college, and ninety from four year institutions. Credit hours, not grade points, are transferred.

Transfer applicants who have below a C average may be considered for admission under either of the following provisions, based on the number of credit hours earned.

SPECIAL STUDENTS

High school graduates may enter Johnson C. Smith University for the purpose of taking certain courses without becoming candidates for a degree. They will not be subject to the specific requirements for admission but must prove to their instructors the ability to pursue successfully the courses for which they have registered. Such students may later become candidates for a degree by meeting all entrance requirements. Special students will not participate in intercollegiate athletics or other student activities. They will be subject to the same rules and regulations as regular students. **APPLICANTS WHO HAVE COMPLETED PREVIOUS COLLEGE WORK MUST BE ELIGIBLE TO RETURN TO THE INSTITUTION LAST ATTENDED. FINAL APPROVAL FOR ADMISSION IS NOT GRANTED UNTIL OFFICIAL DOCUMENTATION IS ON FILE VERIFYING HIGH SCHOOL GRADUATION.**

APPLICANTS WITH FOREIGN CREDENTIALS

Students who are not permanent residents or US citizens must submit an Application accompanied by the \$25 non-refundable application fee. Other documents needed include: certified translated transcript with verified true copies of originals (colored ink stamp), proof of proficiency in English (submit the Test of English as a Foreign Language Score), notarized Affidavit of Support, and Financial Statement for International Students. For Transfer students from International colleges and universities, an official evaluation of transcripts must be submitted by:

World Education Services
POB 745
Old Chesea Station
New York, NY 10113-0745

Division of Lifelong Learning (Continuing Education)

Every candidate for admission to the Division of Lifelong Learning, degree seeking, must make formal application to the Office of Admissions. The student must request an application from the Office of Admissions, complete it properly, and return it with the application fee of ten dollars (check or money order made payable to Johnson C. Smith University). **THIS FEE IS NOT REFUNDABLE.** Non-degree seeking students can take up to twelve hours before making formal application for admission. Division of Lifelong Learning students must be 22 years of age or older.

Applications for admission are accepted at any time during the year, but all credentials should be on file in the Office of Admissions at least two weeks before the beginning of the class in which the applicant plans to enroll.

BASIS FOR SELECTION:

A student is eligible for Non-Degree Seeking status **WHEN:**

- 1.) A student is taking courses for self improvement.
- 2.) A student is completing requirements for a degree at another college or university. (Statements of approval from a designated official must be present if credit is to be transferred.)
- 3.) A student has an **INTENT** to pursue a degree at JCSU.

The application for admission will be processed immediately after the application has been received and all fees paid. A permit to register will be mailed to the approved applicant after the application has been approved. Students entering without transcripts and who are simply taking courses for job and/or enjoyment purposes, will be enrolled as **Non-Matriculation Students**. Students with non-matriculation status will not be eligible to advance for degrees. **APPLICANTS SEEKING DEGREES WILL NOT BE ALLOWED TO MATRICULATE IN JOHNSON C. SMITH UNIVERSITY WITHOUT A HEALTH AND IMMUNIZATION RECORD, AS WELL AS A FINAL TRANSCRIPT, MATRICULATION FEE AND HOUSING RESERVATION FEE (IF APPLICABLE).**

Applicants for admission are encouraged to visit the University, although this is not a requirement for acceptance. Appointments for such visits should be made in advance.

VISITS TO CAMPUS

All prospective students and their parents are invited to visit Johnson C. Smith University. During campus visits individuals have the opportunity to tour the facilities, meet students and faculty, attend classes, and meet with an admissions representative.

Individual visits and campus tours are conducted Monday through Friday during the academic year and the summer. Arrangements should be made at least two weeks in advance through the Office of Admissions. For appointments call or write the Office of Admissions, Johnson C. Smith University, 100 Beatties Ford Road, Charlotte, NC 28216; telephone, toll free 1-800-782-7303.

PHOENIX POLICY

At Johnson C. Smith University, students who fail to meet the Satisfactory Academic Progress Scale for a third time are academically dismissed from the University. In the past, these individuals have been permanently prohibited from returning to the institution.

Under the Phoenix Policy, students who have been dismissed from Johnson C. Smith University have the opportunity to petition for reinstatement two years after the last date of attendance at the institution. The purpose of this policy is to enable dismissed students the privilege of salvaging their academic careers and returning to the institution at a time when they are seemingly more likely to succeed.

The revised policy will allow students, two years after the last date of attendance at Johnson C. Smith University, to petition the Committee on Academic Standards for reinstatement. The petition must include a description of all activities in which the petitioner has been engaged during the period of dismissal (e.g., employment, military service, volunteer work, and attendance at another college or university). Also, the petitioner must list the steps he or she plans to take during this year of enrollment so as to ensure academic success (e.g., attend tutorials, see counselor, terminate employment, live on campus, and participate in writing labs). If the student does not meet the Satisfactory Academic Progress Scale at the end of this reinstatement year, he or she will be dismissed permanently from the University and will have no opportunity to appeal the decision for subsequent reinstatement.

The following criteria apply to students re-entering under the Phoenix Policy:

- a. all credits earned previously would be retained;
- b. the student must follow the guidelines that appear in the college catalog that is current at the time the student enrolls under this policy;
- c. the student may transfer to Johnson C. Smith University, if prior written approval is received from the Office of the Registrar, credit hours from a college or university they attended during dismissal;
- d. if the student is in default of his or her Guaranteed Student Loan or National Direct Student Loan which was assumed during his or her previous enrollment at JCSU or at any other institution, the student must bring a letter from the lender(s) confirming

that the student is in good standing, and all tuition and fees must be paid in full at the time of enrollment under the Phoenix Policy;

- e. the student must demonstrate in his or her request for readmission that he or she has engaged in appropriate personal developmental and/or enhancement activities during the period of dismissal (e.g., gainful employment, enrollment at another post-secondary institution, military service, volunteer/community service) and has not been found guilty of any criminal violation;
- f. the student must, at the time of readmission, be in good academic and social standing at any other institution which he or she may have attended since dismissal from JCSU; and
- g. the student must register for tutorial and daily academic study sessions in the Teaching & Learning Center and;
- h. the student must meet the Satisfactory Academic Progress Scale by the end of the second semester if allowed to re-enroll; failure to do so will result in Dismissal with no opportunity to petition for reinstatement.

PART-TIME STUDENTS

Persons who wish to become candidates for a degree and cannot attend full-time may enroll for a reduced number of credit hours as a part-time student, but they must meet the same admissions requirements as full-time students.

READMISSION OF FORMER STUDENTS

A student who has withdrawn in good standing and who subsequently seeks readmission and students who wish to return after a period of Suspension must apply in writing through the Admissions Office. Re-entering students **MUST** receive notice of approval before they can return to the University.

DISABLED STUDENTS POLICY

Johnson C. Smith University is committed to providing equal educational opportunities to all students and assisting students in making their college experiences successful and positive. The Center for Teaching and Learning serves the special needs of students with disabilities. Individuals requesting services should provide documentation of their disability from their physician or other professional. The information should be forwarded to the Center for Teaching and Learning by July 1 or within 10 days of acceptance to the University. Prospective students are encouraged to visit the campus and schedule a meeting with the Disabilities Services Coordinator and the Director of Health Services.

It is the policy of Johnson C. Smith University to provide equal access and reasonable accommodations for its students with disabilities

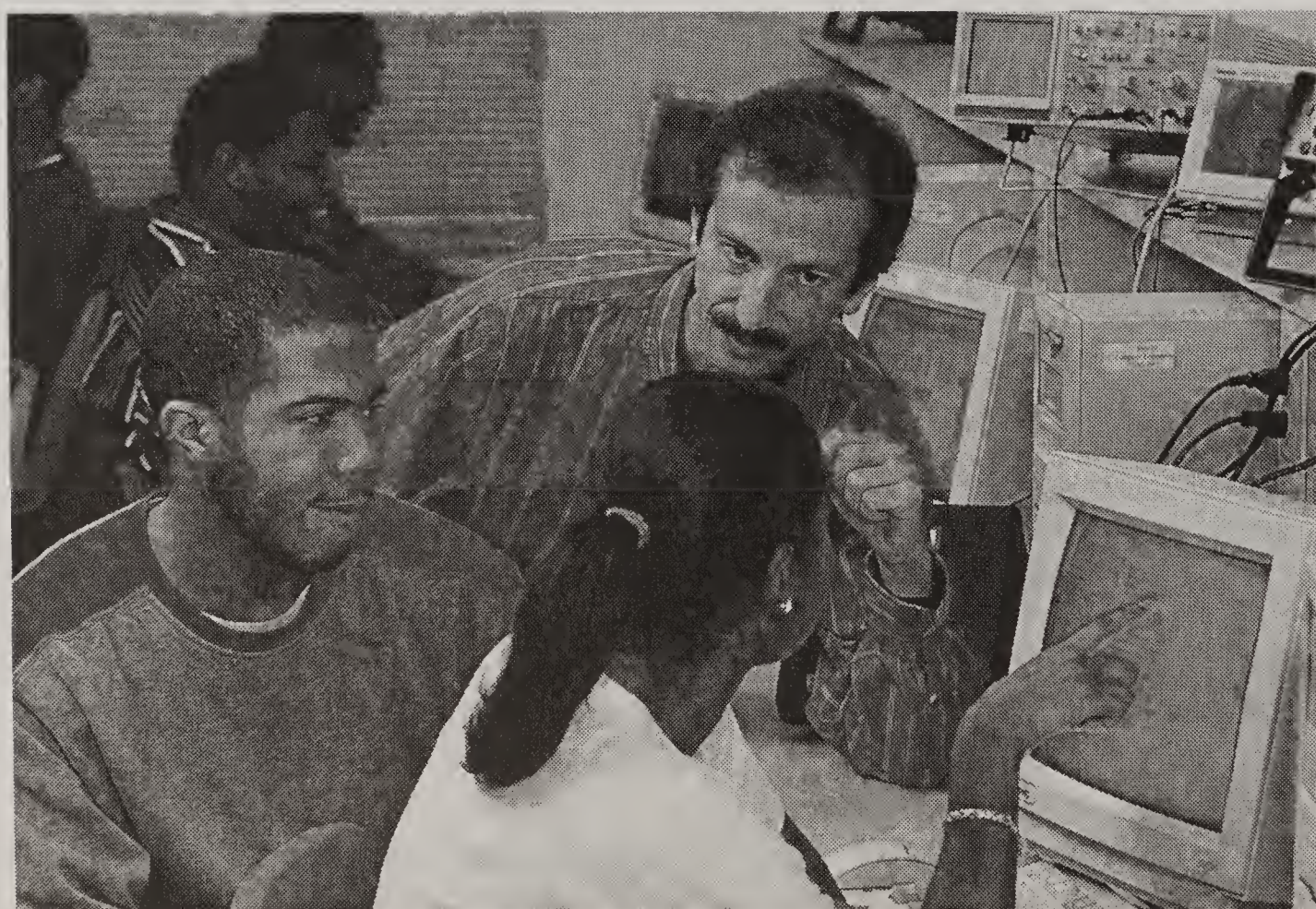
participating in, attending, or benefiting from University-sponsored programs and activities.

Definition

Johnson C. Smith University defines disabilities in the following manner:

A disabled person is anyone who (1) has a physical or mental impairment which substantially limits one or more such person's major life activities; (2) has a record of such impairment; or (3) is regarded as having such an impairment.

The term physical or mental impairment includes, but is not limited to speech, hearing, visual and orthopedic impairments, cerebral palsy, epilepsy, muscular dystrophy, multiple sclerosis, cancer, diabetes, heart disease, mental retardation, emotional illness, and specific learning disabilities, such as perceptual handicaps, brain injury, dyslexia, minimal brain dysfunction and developmental or aphasia.



FINANCES

REGULAR FEES

The fees and charges listed below are applicable to all students for the 2000-2001 Academic Year. In addition to regular fees and charges, a separate listing of incidental fees are provided in a separate section for those persons who may be affected. Travel, clothing, books, and other personal expenses are not included. However, the cost of textbooks and educational supplies can be expected to average at least \$800.00 per year or \$400.00 per semester. Students will be required to purchase textbooks at the beginning of each semester, consequently students should be prepared for this expense shortly after they arrive each semester.

FEE SCHEDULE FOR 2000-2001

	Annual Cost
Tuition (Full-Time)	\$9,707.00
Mandatory Fees	
Student Union/Activity Fee	218.00
Athletic	89.00
UNCF	10.00
Student Government Association	99.00
Yearbook.....	46.00
Lyceum Programs.....	33.00
Insurance	112.00
Newspaper	15.00
Health Fee	110.00
Computer Lab Fee	35.00
Science Lab Fee	35.00
Technology/Software Fee	<u>1,096.00</u>
Total Tuition and Fees	\$11,605
Room Charge.....	2,312
Board	<u>1,723</u>
Total Tuition, Fees, Room and Board.....	15,640

** A \$30.00 installment charge will be added to all bills not paid in full at the beginning of each semester.

Additional Charge for Residents of:	
Greenfield Hall.....	\$ 194.00
Honors College	\$ 250.00
New Residential Hall.....	\$ 344.00
Freshmen Orientation & Matriculation Fee.....	\$ 100.00
(One time charge for Freshmen and Transfer Students)	
Room Reservation Fee	\$ 150.00
(Required for all on-campus students to receive room assignments)	
Charge per credit hour (below 12 hours)	\$ 210.00
Charge per credit hour (above 18 hours)	\$ 210.00
Summer School 2000 (per credit hour).....	\$ 145.00
Division of Lifelong Learning	\$ 210.00

- * Student Union/Activity Fee includes \$5.00 annual charge for bus transportation to athletic events and other University sponsored events held off campus.
- ** Fees paid for student year book and insurance are non-refundable. Students entering Spring semester are required to pay the total fee for the yearbook.
- *** Student Health Insurance fee is subject to change based on actual premium costs.

Tuition, fees, room and board charges are subject to change.

PAYMENTS

Total semester fees and charges are due and payable in full on or before registration of each semester. Any student not making the required full payment of fees and charges will be assessed an additional Late Fee of \$30.00 per semester for partially defraying the cost of handling an installment arrangement.

Please mail payments not less than two weeks prior to due date or pay in person at the time of registration. Students are strongly urged to pay in advance to reduce the registration procedure time. Remittance of money for school expenses must be made by certified check or money order payable to Johnson C. Smith University. Address payments to Financial Affairs, Johnson C. Smith University, 100 Beatties Ford Rd., Charlotte, North Carolina 28216.

Any student desiring an installment arrangement should contact the Financial Affairs Office for available plans. The Financial Aid Office will provide information regarding other Student Loans.

INCIDENTAL FEES

Parking Permit (for students)	\$10.00 per semester
Admission Application Fee—New Students (No refund or credit on account)	\$25.00
Meal Card Replacement Fee	\$12.00 per use
ID Card Replacement Fee	\$10.00 per use

Student Teaching Fee	\$60.00 per semester
Music Private Lesson Fee	\$15.00 per half credit hour
Music Instrument Rental	\$10.00 per semester
Graduation Fee (Cap & Gown, Diploma)	\$100.00 per use
Transcript Fee (after first request)	\$4.00 per copy
Late Registration (Failure to Advance Register, when applicable)	\$100.00 per semester
Dormitory Lost Key Fee	\$70.00
Installment Fee (monthly pay plan)	\$30.00 per semester
Removal of Incomplete Grade	\$2.00 per course
Lost Mail Box Key	\$50.00 per use
Matriculation Fee New Students (Non-refundable one time charge)	\$100.00
Housing Reservation Fee (Non-refundable charged annually)	\$150.00
Exam Permit (one free)	\$5.00 per permit
Duplicate Degree	\$100.00 per degree

Part-Time Fees

Students who enroll for **six (6)** or less credits per semester will be exempt from all mandatory fees with the exception of Student Health Insurance and United Negro College Fund Fees. Students who fall into this category will not be entitled to athletic passes, the yearbook, the Student Newspaper, or the use of the Health Center. Any student who increases their credit load above **six (6)** credits after the initial registration shall be charged all applicable mandatory fees.

AUDITING COURSES

Auditing of courses is open, without credit, to any person who has paid all of the applicable fees. Currently enrolled full-time students may audit courses without additional charges unless total hours exceed eighteen. An auditor is not required to participate in class discussions, to prepare assignments, or to take examinations.

WITHDRAWAL FROM THE UNIVERSITY

A refund adjustment will be calculated for individuals who officially withdraw from the University based on the number of days completed for the semester. This policy supercedes all other written refund policies listed in the Catalog or Student Handbook.

Students who withdraw within the first week of class will receive a 100% refund adjustment.

The New Refund/Repayment Policy is determined by the percentage of the period completed in the semester. The schedule of the percentage adjustment will be provided upon completion of the final regulations from the U. S. Department of Education.

Students that officially withdraw shall receive an adjustment to their student account for the amount charged for tuition, fees, room, board and books.

Students that withdraw after the applicable refund period are responsible for any unpaid charges.

CHANGES IN ENROLLMENT STATUS

If a student does not begin attendance in all of his or her classes, the school will recalculate the student's Federal Pell Grant award based on the lower enrollment status. For instance, a student registers for a full-time course load (12 hours) but only begins attendance in three classes (9 hours): in this case, the student's Pell must be recalculated based on the lower enrollment status. Please note this is different than withdrawing from a class. If your aid has been disbursed and you can prove attendance in this class we will not adjust your aid. If your aid has not been disbursed we will award you for the hours that can be verified that you were in attendance regardless of your charges from Financial Affairs. You must have a minimum of 6 hours at the time of disbursement to be eligible for the Subsidized or Unsubsidized Loans.

STUDENT ACCOUNTS CREDIT BALANCE REFUND POLICY

All Students shall receive a full refund of excess amounts over the direct cost of tuition, fees, room, board and books within fourteen (14) days of the date of the credit balance. To insure timely issuance of refunds, students must:

- 1) Turn into the Office of Student Financial Aid, a completed signed "Financial Award Letter" or scholarship letter.
- 2) Turn into the Office of Student Financial Aid, a signed Promissory Note for subsidized/Unsubsidized Direct Loans, Parent Plus Loans or Perkins Loans, if applicable
- 3) Complete verification worksheet and required documentation, if applicable
- 4) Complete required Entrance Interviews (first time borrowers)

Withdrawal from the University: A student entitled to a cash refund for withdrawing officially from the University must complete the following steps: first, secure withdrawal cards from the Counseling and Testing Center; second, complete all necessary data; third, obtain official signatures on the card from the counselor, librarian, registrar, Vice President for Academic Affairs and financial officer (the registrar will

notify the faculty); fourth, return all of the signed cards to the Office of the Director of Counseling and Testing.

NOTE: If the student has a meal card, it must be deposited in the Office of Financial Affairs on the same day that the withdrawal cards are submitted.

Changes in Academic Hours: A full-time student is one who is registered for twelve or more hours. Students must pay for all hours in excess of eighteen. A student charged for hours in excess of eighteen at registration must drop these within four calendar days from the first day of registration in order to have charges removed.

A student who is registered for twelve hours or more and decides to reduce the number below twelve hours must do so within four calendar days from the first day of registration in order to have charges removed. Charges will be computed on a per credit hour basis for students officially registered for fewer than twelve hours, and the student will be classified as part-time.

There will not be any charges for changes when the registered course level is between twelve and eighteen hours.

Academic Dismissal, Disciplinary Dismissal, Submission of Materially False Information. Any student dismissed from enrollment at the University at any time during the semester for academic or disciplinary reasons, or for the submission of materially false information in any admission application or transcript shall not be entitled to any refund, including tuition, and any fees that have been previously paid, and shall be liable for any fees that remain unpaid for that semester. Students whose financial aid has been revoked and terminated for submission of materially false information in any application or statement shall be immediately liable for full payment of all fees not previously paid. Students dismissed for the reasons specified herein, or who have their financial aid revoked, shall save, hold harmless and indemnify the University with regard to any third party claim for payment, refund, reimbursement or other payment of any fees.

SPECIAL NOTICES AND EXPLANATIONS

1. The University reserves the right to increase or to decrease all fees and charges and to add or to delete items of expense without advance notice as circumstances, in the judgment of the administration, may require. The University is not contractually obligating itself to any fees specified herein, but merely sets these out as estimates of approximate cost.
2. The official date for a student to withdraw from the University is the date the Vice President for Academic Affairs signs the withdrawal forms. The withdrawal forms are filed with the Office of the Director of Counseling and Testing.

3. Room and Board rates are based on the average cost of operations for the entire school year. These rates include provision for services only during the scheduled operational days. Therefore, allowances have been made for the Christmas and spring holidays when these facilities are closed. Every student must vacate the campus premises during these two vacation periods.
4. The University is not responsible for theft or damage to any student's personal property arising from any cause.
5. Students who, through malicious or negligent conduct, lose, damage, or abuse University property will be subject to disciplinary action and will be required to pay, at replacement cost, for such loss or damage.
6. Personal spending money or allowances should be sent directly and made payable to the student in the form of money orders or certified checks. The University cannot cash personal checks for students.
7. All students are required to satisfy their financial obligations to the institution by October 27 of the Fall Semester and by March 20th of the Spring Semester. Students who fail to meet their obligations or do not make satisfactory arrangements for payment with the Business Office will be dismissed from the University at that time for non-payment of fees. The diploma and transcripts of records will also be withheld until the student has paid in full all fees and charges due the University. Further, students will not be allowed to register for any subsequent semester until the obligation has been satisfied.
8. Student teachers who are boarding students at the University will be granted credit on their accounts for meals missed during their absence from the campus, provided the meal card is surrendered at the Business Office prior to their official leave. No credit will be allowed on room rent or other fees.
9. The student is responsible for personal laundry and dry cleaning.
10. Cooking or the use of electrical or mechanical cooking appliances in the University residence hall rooms is prohibited. However, students are permitted to cook in the kitchen of those residence halls with a kitchen facility.
11. No student whose indebtedness to the University is overdue, in arrears, or in default will be permitted to join a fraternity or sorority.

STUDENT FINANCIAL AID

Johnson C. Smith University administers an extensive financial aid program which provides financial assistance to over 70% of the student body. Financial assistance is offered to all eligible and admitted students as long as they are meeting the Satisfactory Academic Progress Scale. Financial assistance from Johnson C. Smith University is to be

viewed only as supplementary to the cost of education and not a replacement. Types of assistance include scholarships, grants, loans and work. Additional information is available from the Office of Financial Aid.

Financial Aid

The objective of the financial aid program is to meet the direct educational cost (tuition, fees, on-campus room & board) less the family contribution determined by the Free Application for Federal Student Aid.

Students who apply correctly by our published deadline will receive an aid package composed of grants part-time employment and loans. All dependent students will be awarded a parent loan. If the loan is denied, the parents are expected to make up the difference with the Financial Affairs office.

The promptness of the financial aid office depends upon each applicant. Students, parents, step-parents, and guardians, should provide all requested information as promptly and accurately as possible and notify the financial aid office of the details of any significant changes in their financial circumstances during the year. Students who wish to receive federal, state, or scholarships are required to apply each year.

Most awards are based on need and because a student's need varies from year to year, an award for one year is no assurance that an equal amount of assistance will be provided in a succeeding year. There may be variations in the amount of assistance from year to year because of changes in student resources, family financial circumstances, and cost of education or changes in aid policies and changes in federal and state funding.

How to apply

1. Read the description of the financial aid programs in this catalog carefully.
2. The FAFSA should be completed and mailed as soon as possible after January 1: At the latest, these forms should be completed and mailed prior to March 1. For the North Carolina Student Incentive Grant Program, it is especially important to file the FAFSA by February 15, and students who have substantial financial need are strongly urged to file as early as possible. Applications completed and submitted by March 1 will be considered the highest award priority group. Students who apply early and accurately will receive assistance on a "as funds are available" basis. New freshman and transfers may apply as early as they wish but will not be considered until after the student has received a letter of acceptance from the Admissions Office.
3. Students selected for Verification (Selected to send the financial aid office copies of most recent year's taxes) must complete all steps required. Until verification is successfully completed the

award letter is estimated and subject to change. Please note all taxes must be signed to be accepted.

4. Notifications of financial awards are mailed to the student. Award letters are dated and usually have a 20-day response time. Freshman must pay their matriculation fee by June 1 or all aid will be cancelled regardless of the fact student has accepted aid.

Changes in federal, state and institutional policy could affect information printed in this catalog. Contact the Office of Student Financial Aid for updated information.

Withdrawal and Refund Policy

After a student withdraws from JCSU, a fair and equitable refund will be calculated according to JCSU refund policy. According to Federal guidelines, **the amount of refund due to the financial aid programs must be repaid before a refund will be made to the student or parent.**

Refunds to Title IV aid programs are distributed in the following mandated order:

1. Federal SLS Loan
2. Unsubsidized Federal Stafford Loan
3. Subsidized Federal Stafford Loan
4. Federal Plus Loan
5. Unsubsidized Federal Direct Loan
6. Federal Direct Stafford Loan
7. Federal Perkins Loan
8. Federal Pell Grant
9. Federal SEOG
10. Other Federal Aid programs.

Students have the right to:

- Obtain information about the student aid programs available at JCSU.
- Apply and be considered for aid.
- Request an explanation of any phase of the financial aid process;
- Request special consideration if your family's financial circumstances change significantly; (You must contact the financial aid office for instructions).
- Appeal financial aid award or denials based upon academic progress or enrollment requirements.

Students have the responsibility to:

- Complete all forms accurately and submit them according to scheduled deadline dates.

- Reapply for aid each year;
- Honor the policies and procedures states in the JCSU catalog and the Student Handbook.
- Inform the Office of Financial aid of any personal changes (increase or decrease in your financial resources, change in name and/or withdrawal or transfer from JCSU);
- Enroll for the necessary number of credit hours, and attend those classes;
- Repay your loans in accordance with your repayment schedules;
- File any deferments that are necessary for prior loans from different schools.
- Contact the financial aid if you are in Default.
- Provide any additional information as requested by the Office of Student Financial Aid;
- Officially withdraw with the appropriate departments to terminate your course of study.

Students having any objection to the above information can submit a letter to the Director of Financial aid. The Director will review the student's concern and respond to the student in writing.

As a general rule, the deadline for all applications is April 15 of each year; however, applications are accepted after this date for students who are admitted after April 15.

Eligibility for Student Financial Aid. Students are considered to be making sufficient academic progress to remain eligible for student financial aid if they maintain the academic average according to the scale, which appears in the academic program section, and have earned the corresponding number of credit hours.

The current policy regarding Satisfactory Academic Progress may be revised by the University administration without prior notice to students.

Transfer students must meet the same requirements as regular students to be eligible for financial aid. Financial aid transcripts must be on file in the University's Financial Aid Office before any consideration for financial aid can be given. Transfer students who are in default of their Federal Stafford Loans at a previous institution are not eligible to receive financial aid of any kind at Johnson C. Smith University. Various programs offered through State agencies carry eligibility requirements that include satisfactory academic progress.

WITHDRAWALS — Individuals withdrawing from the University within the first eight weeks will not be penalized academically for having made unsatisfactory progress. However, for financial aid purposes, if a student withdraws completely from a semester and is not meeting satisfactory progress by financial aid standards they must

appeal directly to the financial aid office for consideration of reinstatement of financial aid. Consideration will be given to students who withdraw for medical reasons or due to extreme family hardships. Written verification will be necessary in such instances and final action will be taken by the Committee on Admissions, Academic Standards and Financial Aid.

REPEATED COURSE/INCOMPLETES — For purposes of receiving Federal funds under Title IV Student Financial Aid Programs, students receiving incompletes and/or repeating course work must, to the extent possible, successfully make up those credit hours within the subsequent semester of enrollment. Consideration will be given in cases where such coursework is not offered in the subsequent semester. Extension of time may be granted by the Committee on Admissions, Academic Standards and Financial Aid.

FINANCIAL AID PROGRAMS

Federal Pell Grant: The Federal Pell Grant is an award to help undergraduates pay for their education, and it does not have to be repaid. The amount that a student will receive depends on the expected family contribution, which is generated by a standard formula provided by the Department of Education. This system guarantees equal treatment to all applicants. Persons may apply for the Federal Pell Grant by completing the Free Application for Federal Student Aid.

Federal Supplemental Educational Opportunity Grant (FSEOG): The Federal Supplemental Educational Opportunity Grant is an award for undergraduates with exceptional financial need (with priority given to Pell Grant recipients). It does not have to be repaid. The specific amount awarded is based on the student's financial need and the availability of funds at Johnson C. Smith University.

North Carolina State Incentive Grant (NCSIG): This program is administered for the North Carolina State Education Assistance Authority by College Foundation Inc. Applicant must (1) be a North Carolina resident, (2) be a U.S. Citizen, (3) be enrolled or accepted for enrollment on full-time basis, (4) maintain satisfactory academic progress, and (5) not be in default on any Title IV loan or owe a refund on any Title IV program. This award is available to undergraduates who demonstrate "substantial financial need."

Application for the NCSIG award is made by checking "yes" on the Free Application for Federal Student Aid, giving the U.S. Department of Education permission to send the financial information to the financial aid agencies in the student's state of residence. The deadline for applying is March 15 of each year.

North Carolina Legislative Tuition Grant Program (NCLTG): This program was created by the North Carolina State Education Assistance Authority to assist residents of North Carolina wishing to attend a

North Carolina private college or university in the state of North Carolina.

Students must be enrolled full-time and meet the eligibility requirements of the NCLTG Regulations. Applications are available in the Office of Student Financial Aid.

State Contractual Scholarship Program (SCSF): This program was designed by the General Assembly to create a state-appropriated scholarship fund to each eligible private college or university in the state to assure that needy North Carolinians who wish to do so might attend a private institution.

The student must be a resident of North Carolina for tuition purposes and enrolled full or part-time in an approved North Carolina private college or university. This scholarship is based on need.

Athletic Grants-in-Aid: Grants-in-Aid are available to students with athletic ability. Awards are made for performance in football, basketball, track, tennis, golf, softball and volleyball. Recipients must be recommended by the coaches in each sport or by the Athletic Director.

Loans

The Federal Perkins Loans: The Federal Perkins Loans (formerly the National Direct Student Loan) is a low-interest (5%) loan to help students finance educational expenses. This program is supported by contributions from the federal government, the institution, and repayment from previous borrowers. These loans are available to undergraduate students, dependent on the extent of the student's need and the availability of funds. A borrower for two undergraduate years may receive up to \$3,000 yearly, depending on availability of funds. Loans made on or after October 1, 1980, will have a grace period of 6 months before the student must begin to repay. Loans made before October 1, 1980, will have grace period of 9 months before the student starts to repay. Borrowers may be allowed up to 10 years to repay their loan. There are certain conditions under which repayment of this loan may be postponed or cancelled.

Federal Direct Stafford Loan: The Federal Stafford Loan is a low-interest loan provided to eligible students through the U.S. Department of Education. All students who are U.S. citizens or permanent residents and who are enrolled at least half-time are eligible to be considered for assistance through the Federal Direct Stafford Loan Program. An eligible student must demonstrate financial need through an approved need analysis system, and the amount approved will depend upon the assessed financial need. Freshmen may borrow up to \$2,625 per year, Sophomores up to \$3,500, and Juniors and Seniors may borrow up to \$5,500 per year.

Federal Direct PLUS Loan: The Federal Direct PLUS Loan enables parents with good credit histories to borrow for each child who is

enrolled at least half-time and is a dependent student. The yearly loan limit is the cost of education minus any estimated financial aid. For loans disbursed on or after July 1, 1994, the interest rate will be variable, but not higher than 9 percent. Repayment usually begins 60 days after the final loan disbursement. There is no "grace period" for this loan.

Part-Time Employment

Federal Work-Study: The federally-supported Federal Work-Study Program provides jobs for students clearly in need of assistance to enter or to continue in school. Jobs are available in all areas of the University.

Students approved for the Federal Work-Study Program are allocated a specific number of hours which they may work during the academic year, based on the extent of their financial need. The average student job requires up to 20 hours per week.

All student employees, upon being assigned employment, must present proper documents to verify identity and employment eligibility as required by the Federal Immigration Reform and Control Act of 1986. Original documentation must be presented on or before the first day of employment.

DEGREE/GRADUATION REQUIREMENTS — In all cases students must be working toward graduation/degree requirements. Individuals taking more than six academic years in succession to complete the necessary requirements may be refused financial assistance. Each student's case will be reviewed by the Committee on Academic Standards to determine the progress made toward the completion of degree requirements.

Appeals Procedure. Any student who wishes to appeal a decision made by the Committee on Academic Standards must submit a written statement indicating why the review of the academic record is being requested. Appeals should be forwarded to the Chairperson of the Committee on Academic Standards, Office of Academic Affairs, Johnson C. Smith University, Charlotte, North Carolina 28216.

POLICY STATEMENT ON INSTITUTIONAL SCHOLARSHIPS

While Johnson C. Smith University is committed to providing needed scholarship funds to students, resources that are currently available can only be appropriated to assist in covering direct educational costs. These costs may include tuition, fees, room, board (when applicable), and books.

Additionally, financial assistance provided through the University is based on "need." The "need" factor is determined by the amount of financial assistance and available resources a student receives subtracted from the institution's budget established for the student. While total educational budgets may exceed demonstrated educational costs,

gift aid and/or scholarships that are packaged with other Federal or State aid, or singularly awarded, may not exceed financial need. Therefore, if a student receives additional financial assistance from any outside source, the institution reserves the right to reduce the amount of gift and/or scholarship assistance accordingly.

Johnson C. Smith University Scholarship may consist of funds which the University has solicited from external agencies. Examples may include UNCF Scholarships, Duke Scholarships and other scholarship funds received from external agencies. Hence, students receiving such external scholarships may have their original awards adjusted to prevent total scholarship awards from exceeding demonstrated financial need.

Specific reasoning for this pertains to the availability of funds and the equitable distribution of funds to all students who have proven academic excellence. The cumulative grade point average of each academic scholarship recipient, with the exception of entering freshmen, will be reviewed at the end of each semester. The grades of entering freshmen will be reviewed at the end of the academic year. Failure to maintain scholarship criteria will result in the loss of scholarship funds.

Scholarships and Awards

Academic Scholarships: Scholarships are awarded on the basis of a student's academic achievement. They are designed to recognize, encourage and assist men and women who demonstrate leadership potential in a chosen field of study. Financial need generally is not a factor in making these awards, although the amount of the award assigned to each winner will vary with financial circumstances of the recipient.

Funds for these awards are made available through endowments contributed by concerned individuals and organizations.

A limited number of academic scholarships are offered in the freshman year, primarily to participants in the Honors Program. Recipients are selected from high school seniors with very high scores on the Scholastic Aptitude Test (SAT) or American College Test (ACT) and exceptional high school records. Scholarship recipients who maintain the highest cumulative averages will be considered for renewal if funds are available. All freshman applicants are automatically considered for available scholarships.

Claudius N. Shropshire Trustee Scholarship: Scholars for this award are chosen from the top three rising seniors at the University.

Francis I. Parker Scholarship: Awarded to outstanding African American students from North or South Carolina, Georgia, Tennessee or Virginia who are committed to concentrating in pre-law.

Cato Corporation Scholarship: Awarded to students majoring in Business Administration and Economics who demonstrate financial need, academic distinction and who live in a Cato Store community.

Jack S. Brayboy Endowed Scholarship: This athletic award is given to the athlete with the highest academic average.

Reader's Digest Endowed Scholarship: Given to highly qualified upper-classmen in need of financial assistance.

National Presbyterian College Scholarship: Awarded to incoming freshmen at a college related to the Board of Christian Education, United Presbyterian Church, USA.

James and Susie Morrison Scholarship Award: Awarded to a student who is in need and demonstrates integrity, ambition, and involvement.

J.A. Jones Construction Company Scholarship: Awarded to National Merit Scholarship semi-finalists and National Achievement Scholarship Program semi-finalists.

Horace A. Davenport Endowed Scholarship: Awarded to a student who demonstrates outstanding academic excellence.

The James B. Duke Endowment Scholarship: Given to students with high academic promise and honor grade point averages.

A. O. and Dorothy Steele Scholarship: Awarded to a rising junior with high academic records and documented leadership qualities, which enrich campus and/or community life.

Dr. Charles L. Kennedy Endowed Scholarship: Given to a rising junior with a 3.0 GPA majoring in Chemistry, Math, Biology, Physics, Computer Science, or Engineering.

Rosemarie & Dean L. Buntrock Endowed Scholarship: Awarded to an outstanding student majoring in Engineering.

Valencia Jumper Endowed Scholarship: Given to a student who maintains a 3.0 or better GPA and demonstrates financial need.

Alex Hemby Endowed Scholarship: Awarded to a student in financial need who demonstrates a record of outstanding academic excellence.

John D. & Catherine T. MacArthur Endowed Scholarship: Given to a student with a demonstrated record of good moral character and academic excellence.

Eddie McGirt Endowed Scholarship: Awarded to an outstanding student athlete with a demonstrated record of academic achievement. The student must possess good moral character and leadership qualities.

Robert C. & Sadie G. Anderson Endowed Scholarship: Awarded to students demonstrating outstanding academic excellence and financial need.

Ivan & Juanita Reeves Endowed Scholarship: Available to students showing strong academic excellence, good moral character, and financial need.

The American Schlafhorst Endowed Engineering Scholarship: Restricted to students from North and South Carolina, majoring in Engineering with a 3.0 or better GPA.

Barnhardt/Thomas Family Endowed Scholarship: Awarded to a student demonstrating financial need and outstanding academic excellence.

Rosa Rogers Stratford Endowed Scholarship: Restricted to students from Charlotte-Mecklenburg County with a demonstrated financial need and a minimum 3.0 GPA.

The Robert L. Davis Endowed Scholarship: Available to a Charlotte-Mecklenburg County student majoring in Education who demonstrates the highest leadership potential, scholarship and financial need.

George I. Alden Endowed Scholarship: Awarded to a student displaying academic integrity, good moral character and financial need.

Rev. Jack S. Bailey Endowed Scholarship: Given to an incoming first year student from Georgia who demonstrates financial need or merit.

Robert L. (Bob) Walton Endowed Scholarship: Awarded to a student with outstanding academic qualities, good moral character, financial need and who has a genuine interest in their community.

Boyd Gatheright Endowed Scholarship: Given to a student majoring in the field of science who displays an outstanding academic record with a 3.0 or better GPA.

Thomas H. McPhatter Endowed Scholarship: Awarded to a student showing a sincere effort to stay in college. The student must maintain a B average with not less than a 2.8 GPA and must display a peculiar loyalty to the University.

Vernilla T. Glenn Endowed Scholarship: Given to outstanding students studying in the field of Mathematics with a demonstrated record of academic excellence and a grade point average of 3.0 or better.

Eugene A. Dawkins Endowed Scholarship: Awarded to a student with financial need and demonstrated academic excellence with a 3.0 or better grade point average.

Harry M. Jeffereson Endowed Scholarship: Awarded to a student with financial need and demonstrated academic excellence.

Charlotte Alumni Chapter Endowed Scholarship: Given to a student with an outstanding academic record of achievement with a minimum 3.0 GPA. The student must display good moral character and leadership abilities.

Glaxo Endowed Scholarship: Awarded as an incentive for women students studying to enter the science profession and demonstrating outstanding academic excellence with a 3.0 or better GPA.

Sarah Belk Gambrell Endowed Scholarship: Awarded to a student who demonstrates outstanding leadership qualities, good moral character and the relentless pursuit of academic excellence. The scholar must maintain a 3.0 or better GPA.

The Duke Power Endowed Scholarship: Given to a student studying in the field of Pre-Engineering Education with a minimum grade point average of 3.0.

The Cummins Atlantic Endowed Scholarship: Any student with a 3.0 or better GPA may apply.

Pepsi-Cola Endowed Scholarship: Awarded to a student with an outstanding record or achievement, excellent moral character and leadership qualities.

WBTV Jefferson Pilot Communications Endowed Scholarship: Given to students studying in the field of Communications. The scholars must maintain a 3.0 or better GPA and display outstanding leadership ability.

Royal Insurance Endowed Scholarship: Awarded to a student completing his/her freshman year and has an internship component. The scholar must be of good moral character and show great promise for achievement.

Xerox Endowed Scholarship: Awarded to a student studying in the field of Engineering. The scholars are also eligible for the Xerox Summer Engineering Workshop. Each scholar must maintain an outstanding record of academic excellence and display strong leadership qualities.

Matthew J. Whitehead Endowed Scholarship: Awarded to an outstanding male scholar majoring in Teacher Education. Students must display an outstanding record of academic excellence and good moral character.

The John McDonald Endowed Scholarship: Given to a student with outstanding leadership ability and excellent academic standing studying in the field of Public Relations or Business.

Charles Stewart Mott Endowed Scholarship: Awarded to students achieving academic excellence in their field of study. Scholars must display good moral character and leadership ability.

Richard C. Erwin Endowed Scholarship: Available to students who demonstrate a financial need and display outstanding academic excellence.

The Wilhemina L. Seabrooks Simms Endowed Scholarship: Restricted to 3rd or 4th year students majoring in Economics. The scholarship is also based in financial need with the scholar having a 3.0 or better GPA.

Neal-Brooks Scholarship Award: Students majoring in Mathematics and the Sciences are eligible for this award.

Robert L. Blackmon Endowed Scholarship: Restricted to an African American female scholar with a 3.0 or better GPA. The scholar must be of good moral character and dedicated to the spirit of Johnson C. Smith University.

William S. Roddey Endowed Scholarship: Awarded to a student that demonstrates outstanding academic excellence by having a 3.0 or better GPA.

The Public Service Endowed Scholarship: Designed to provide financial assistance for worthy students. Scholars must maintain a 3.0 or better GPA and demonstrate good moral character and leadership ability.

The Caldwell E. and Ariana Bampffield Boulware Endowed Scholarship: Awarded to any sophomore, junior or senior who has clearly demonstrated outstanding character, leadership and scholastic achievements in the areas of the Humanities, the Sciences, Mathematics, and Computer Sciences.

The IBM Endowed Scholarship: Established as an incentive for students majoring in Computer Science, Mathematics or Engineering. Scholars must display an outstanding record of academic excellence and leadership ability.

The Lowe's Companies Scholars' Program: Awarded to a student who is in good academic standing with the University and displays good moral character and leadership ability.

The Betty J. Livingstone Endowed Scholarship: Available to students studying in the fields of Chemistry or Business. Scholars must maintain high standards of excellence in their academic endeavors with a continuous pursuit of higher education.

William A. Hawkins Endowed Scholarship: Awarded to any student displaying outstanding academic excellence and financial need.

Winson R. Coleman Endowed Scholarship: Awarded to an outstanding Junior scholar in the Humanities.

Juan J. Flowers and Marion E. Robinson Scholarship: Award is restricted to student with junior status and a minimum 3.0 GPA majoring in Computer Science.

Pfizer Scholarship: Students selected for this award must be either a junior or senior Biology major with a minimum GPA of 3.0.

***Contact the Office of Student Financial Aid for additional scholarship criteria, award amounts and other scholarship opportunities.**

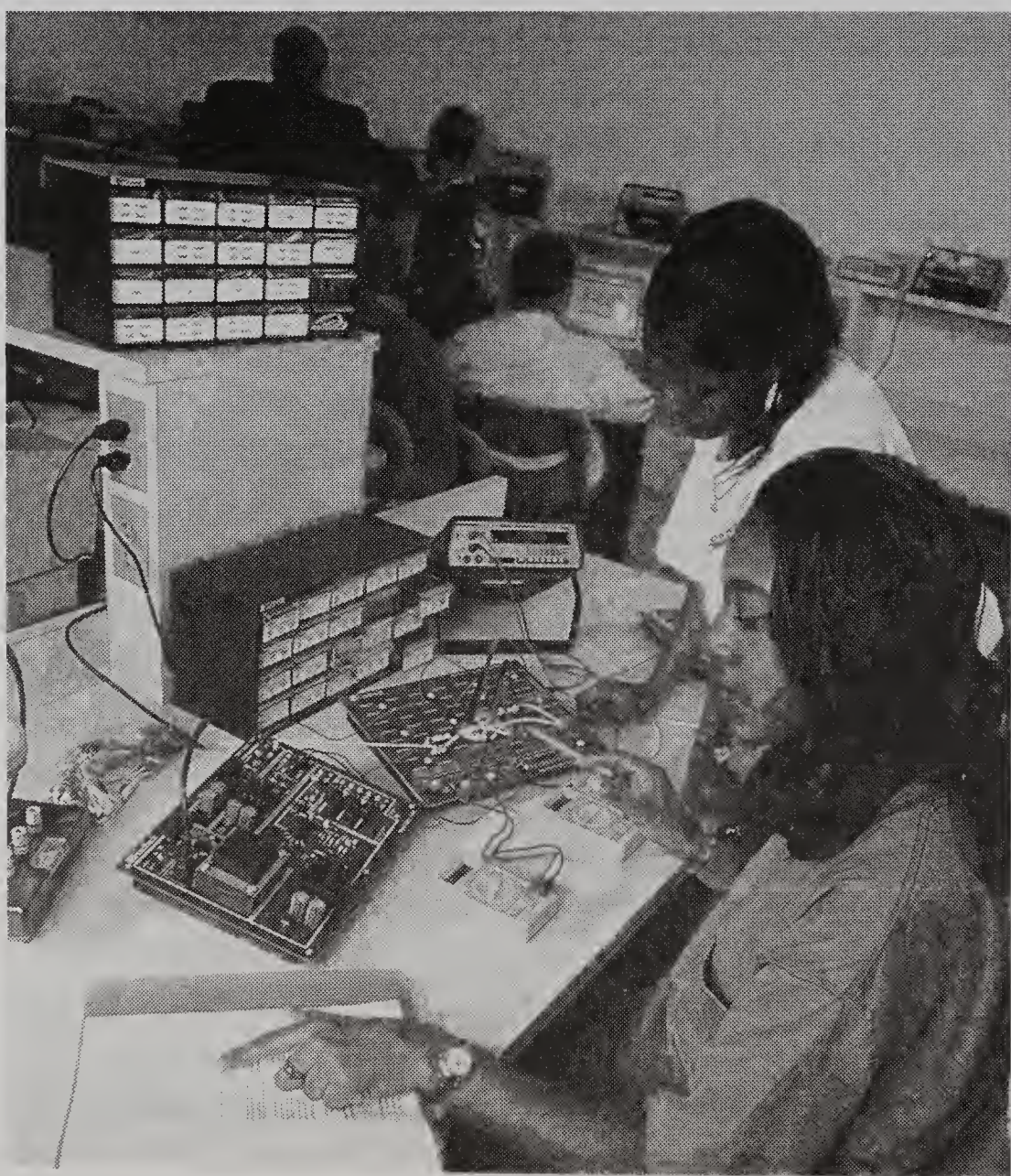
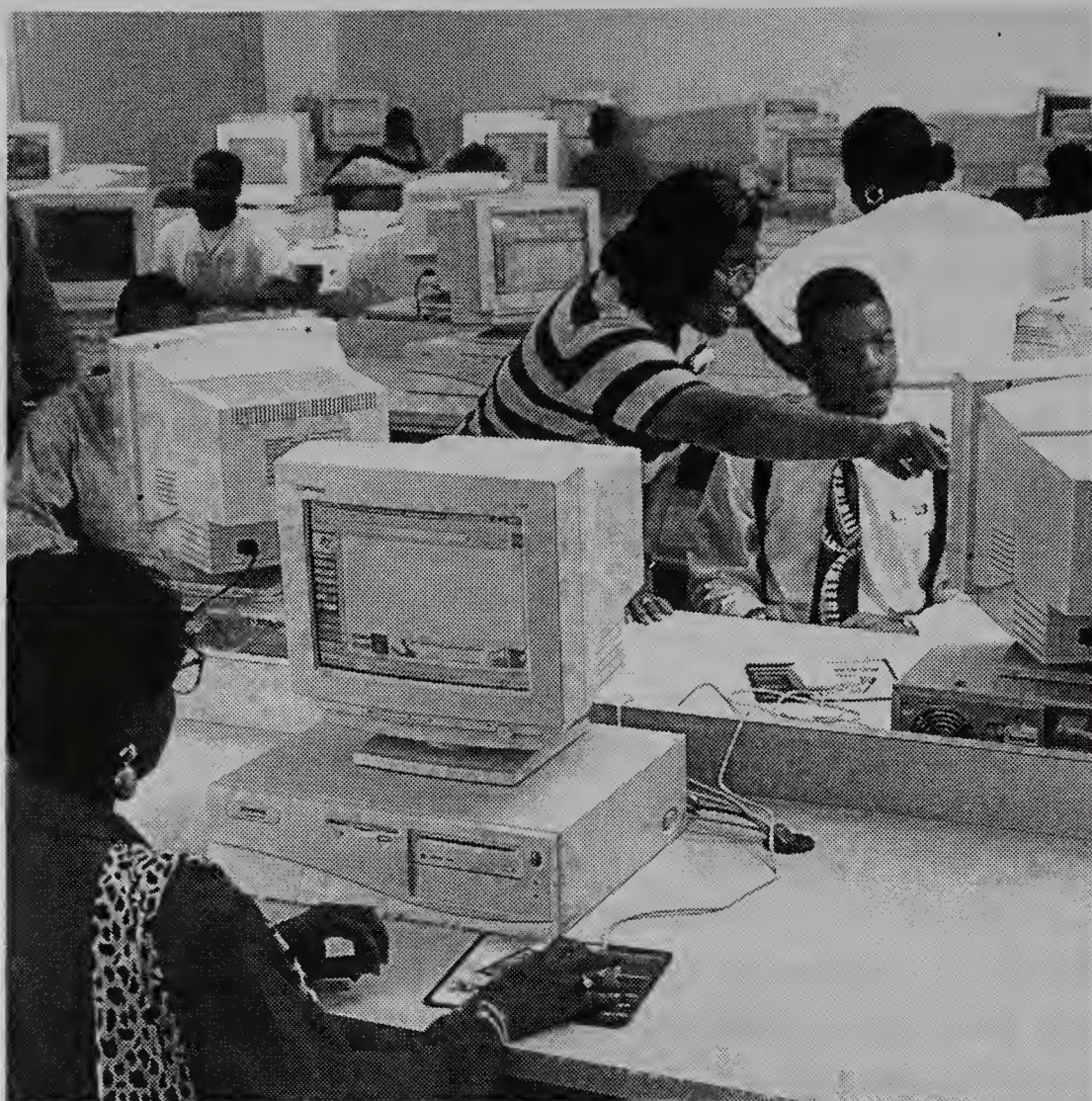
Other Forms of Educational Assistance

Other sources of financial aid not administered by the Student Aid Office are available for assisting students in meeting their educational expenses. Assistance from outside agencies or programs may provide the full amount needed by the student, or it may be combined with an award from the University to meet this need. Information about other forms of aid will be made available upon request.

ATHLETICS

Physical education, health, and athletics are considered integral parts of the total educational program offered at Johnson C. Smith University.

The University is a member of the Central Intercollegiate Athletic Association, the National Collegiate Athletic Association, the National Association of Intercollegiate Athletics, the American Tennis Association, and the National Intramural Association.



THE ACADEMIC PROGRAM

REGISTRATION

TIME: All students must register at the beginning of each semester, whether they were in residence the preceding semester or not. Students are required to register, in person, at the University on the days designated. New students will be advised regarding courses and registration procedures during orientation sessions at the beginning of each semester. Dates specified for new students to register are listed in the University Calendar. All students will report for registration as indicated in the University Calendar.

Late Registration: Returning students may be allowed late registration upon the payment of a late fee of \$100.00, but no student will be permitted to register later than the time specified in the calendar.

Changes in Registration: Students who find it necessary to change their program of study after registration **MUST** make the change through the Registrar's Office on forms provided for that purpose. For any such change the student must obtain the permission of the mentor/advisor. This procedure is followed for dropping or adding a course. Effective January 2001, only one program change after Registration will be without cost. Any changes beyond this initial request will result in a charge of \$10.00 per change. Prior to processing change requests in the Office of the Registrar, students should take the completed mentor and/or advisor signed Drop/Add form to the Office of Financial Affairs to pay the necessary fee. Then the Add/Drop form, along with proof of payment, is presented to the Office of the Registrar for processing. **All program change requests should be completed by the deadlines for the LAST DAY TO ADD and LAST DAY TO DROP respectively.** These program deadlines are provided in the University's Academic Calendar, available in the University catalog and from the Office of Academic Affairs.

The adding of courses must be completed before the time for making changes expires.

Changes in Address: All address changes must be made in the Registrar's Office.

Student Load and Excess Hours: The normal load for all students is 15-18 credit hours. In the Summer Session the normal load is 6-7 credit hours.

A. Maximum Load

1. During a regular session, a student may not enroll for more than 18 hours, except that a student whose average was "B" or better during the previous semester may apply to enroll for additional hours not to exceed a total of 22 (\$210 per hour).
2. Any student who desires to enroll for more than 18 hours must obtain permission from his or her advisor or department head, College dean and the Vice President for Academic Affairs. Forms to enroll for more than 18 hours may be obtained in the Office for Academic Affairs.
3. During a summer term, a student may not enroll for more than six hours, except in the event that one course is a four hour course, in which case he/she may enroll for seven hours.
4. Candidates for graduation in July may enroll for 9-10 semester hours.

Course Offerings: The University reserves the right to add, delete or cancel courses as it deems necessary. There will be no partial refund of any fees as a result of course cancellations unless the student decides to continue as a part-time student.

GRADES AND CREDIT

Symbols: The quality of a student's work in a course must be reported to the registrar by the use of the following grades: **A, B, C, D, P, F, and I**. **A** denotes excellent scholarship; **B**, good; **C**, fair; **D**, poor. Work reported as the grade of **D** cannot be raised to a higher grade by examination. **F** indicates failure; a student receiving such a grade may repeat the course. **P** is the passing grade assigned to all courses for which no credit is allowed. The grade **I** indicates that the work has not been completed and that the student did not withdraw from the class. A student who officially drops a course will receive the grade of **W**.

The grading symbols are: **A** (90-100); **B** (80-89); **C** (70-79); **D** (60-69); **F** (Below 60); **I** (Incomplete); or **W** (withdrew prior to taking a test).

Grade Points: Grade points are determined by multiplying the number of credit hours which a course yields by the grade point value of the grade. Grade points are computed as follows: **A**, 4 points for each credit hour; **B**, 3; **C**, 2; **D**, 1; **P**, 0; **F**, 0.

Grade for Major Work: No grade below **C** will count for credit in the student's major or minor, and no student will be permitted to enroll for student teaching without a minimum grade of **C** in all courses in the designated teaching area.

Course Credit: Credit will be granted only for officially registered courses.

Prerequisites and Major Courses: All prerequisites for major courses must be passed with a "C". No student will be permitted to enroll in a course requiring a prerequisite without meeting this standard.

Free Electives: All students should take a minimum of six semester hours of credit of their choice. These are not general requirements or major requirements.

Grading and Promotion: The University reserves the right to have decisions regarding grading and promotion made by the exercise of the sound discretion of the University faculty. Students receive a final grade or Incomplete "I" in each course. If a faculty member has made an error in assigning the final grade, he/she may initiate a "Change of Grade" form, with the appropriate documentation. The "I" may be made up within the designated period.

GRADE APPEAL SYSTEM

The grade appeal process must be initiated with the instructor involved to determine if there has been an error or some misunderstanding which they can resolve among themselves. If this does not prove satisfactory, the aggrieved student may take the matter to the department head and subsequently to the Dean of the College if it is not resolved. Finally, the student may present the matter to the Vice President for Academic Affairs for a final decision. If the dispute remains unresolved and the Vice President for Academic Affairs deems the case worthy, the dispute may be taken before the Council of Deans.

ENROLLMENT STATUS

Full-time: In order to be full-time, a student must be enrolled for a minimum of twelve (12) semester credit hours.

Part-time: Any student enrolled for fewer than twelve (12) semester credit hours.

Special: Students who are enrolled but have not been admitted to candidacy for a degree.

ACADEMIC STANDARDS AND SATISFACTORY ACADEMIC PROGRESS

Good Standing

All students are expected to progress toward a degree while in attendance at the University. In many cases, students are capable of completing their degree requirements within a 4 year period by earning an average of 16 credit hours per semester. However, depending upon academic major or other factors, students may require somewhat longer than 4 years for completion. The SATISFACTORY ACADEMIC PROGRESS SCALE sets forth the minimum requirements for progress toward a degree. Any student who meets these requirements will be in good standing.

Satisfactory Academic Progress

Johnson C. Smith University's primary purpose is to create and support an educational environment in which students may develop their intellectual potential. While the University is committed to extending

its fiscal and human resources in pursuit of this goal, students must have some responsibility for their own education and must pursue and complete academic coursework which will permit them to meet baccalaureate degree requirements within a reasonable time frame.

Accordingly, and in compliance with appropriate and applicable federal regulations and requirements, Johnson C. Smith University shall adhere to the following definitions of and policies for the determination of "Satisfactory Academic Progress." Any petitions for exemptions to the requirements set forth herewith may be examined by the University's Committee on Academic Standards. The petitions must be in writing and must be specific as to the nature of the unusual circumstances for which an exemption is sought. The Petitions for financial aid must be submitted separately to the Office for Financial Aid.

Upon finding an appropriate cause of action, this committee may grant exception to the standards here set forth on an individual case basis, with the understanding that such exceptions will not undermine either the intent of this policy or governing federal regulations for Title IV Student Financial Assistance.

SATISFACTORY ACADEMIC PROGRESS SCALE

FULL TIME STATUS

MINIMUM CUMULATIVE CREDIT		MINIMUM CUMULATIVE
SEMESTER	HOURS EARNED	GPA
1	9	1.70
2	20	1.80
3	32	1.90
4	44	2.00
5	56	2.00
6	68	2.00
7	80	2.00
8	92	2.00
9	107	2.00
10	122	2.00

During each additional semester beyond ten, a full-time student must earn a minimum of 15 semester hours.

PART TIME STATUS

3/4 TIME STUDENT (9-11) credit hours.

BACHELOR'S (122) credit hours.

ACADEMIC YEARS									
COMPLETED	1	2	3	4	5	6	7	8	9
CREDIT HOURS									
COMPLETED	13	26	39	53	67	81	95	100	122

1/2 TIME STUDENT (6-8) credit hours.

BACHELOR’S (122) credit hours.

ACADEMIC YEARS

COMPLETED	1	2	3	4	5	6	7	8	9	10	11	12
CREDIT HOURS COMPLETED	10	20	31	41	52	62	72	83	93	100	115	122

*Students must satisfy cumulative hours averages and hours for the indicated terms. Part time students must maintain a GPA in accordance with the number of semesters enrolled.

ACADEMIC PROBATION SUSPENSION AND DISMISSAL

- 1. Any student who, for the first time, fails to meet the requirements of the Satisfactory Academic Progress Scale will be placed on academic probation. It is mandatory that these students register with the Office of Student Success and Retention during the first two weeks of the Probationary semester and attend 8-10 hours of tutorial and daily academic study sessions in the Learning Resource Center.
- 2. Any student who, for the second time, fails to meet the requirements of the Satisfactory Academic Progress Scale will be suspended from the University for one semester. Students who regain compliance with the Satisfactory Academic Progress Scale prior to the end of the suspension period are eligible for immediate readmission to the University.
- 3. Any student who, for the third time, fails to meet the Satisfactory Academic Progress Scale and is subsequently dismissed may appeal that status in writing to the Committee on Academic Standards. A separate written appeal needs to be made if financial aid is affected.

SATISFACTORY PROGRESS POLICY
Johnson C. Smith University
Office of Financial Aid

If a student is dismissed or suspended from Johnson C. Smith University he/she must make a written appeal for reinstatement. The appeal should be addressed to The Committee on Academic Standards, c/o the Office of Academic Affairs. A separate letter of appeal, with documentation of reinstatement status attached, must be submitted to the Office of Financial Aid for that office to consider reinstatement of financial aid. Upon review of the student’s request and documentation, the student will be notified of the decision of the Financial Aid Committee.

If a student withdraws completely for a semester, the student must contact the financial aid office to confirm they are meeting satisfactory progress.

A student is eligible for federal aid for up to twelve full semesters.

DEAN'S LIST

At the end of each semester a Dean's List consisting of students who have earned a grade point average of 3.00 or better is published. Only students who are registered for a minimum of fifteen credit hours will be considered for the Dean's List. Students earning a GPA of 4.0 and a minimum of 15 semester hours are designated as Presidential Scholars.

CLASS ATTENDANCE POLICY

Class attendance is required for all JCSU students. Each student is allowed as many hours of absence per term as credit hour(s) received (not to exceed 4) for the class. The policy does not apply to internships and student teaching. Attendance policies for these classes will be determined by the offering department. A student is expected to attend all classes and not be absent without adequate cause. It is the responsibility of the student to make up scheduled work missed because of class absences. Absence from unannounced tests and other assignments may be made up at the discretion of the instructor. Students who exceed the maximum number of absences may receive a failing grade for the course.

Instructors are expected to explain the attendance requirements at the beginning of the semester and to include these requirements in the course syllabus issued to students. Instructors are required to maintain accurate attendance records on all students and, if requested, to report to the Vice President of Academic Affairs any student who exceeds the number of absences allowed in that class according to the University's Class Attendance Policy. The report to the Vice President of Academic Affairs should be submitted immediately after the first absence occurs beyond the allowable limits for the class involved.

JOHNSON C. SMITH UNIVERSITY HONOR CODE

The following University approved Honor Code is enforced by the Office of Academic Affairs and the University Judiciary Board:

I pledge that this work is my own and I will not cheat, or represent the words, ideas, or projects of others as my own. I further pledge that I will not engage in academic dishonesty, which includes lying, stealing or assisting others in misrepresenting their work. As a member of the student body of Johnson C. Smith University, I also pledge to report all violations of the Honor Code that I observe in others. I understand that violations of the Honor Code are subject to disciplinary procedures by the University.

Students and faculty are to govern themselves by the Honor Code to ensure the greatest measure of academic integrity. The University Honor Code will be acknowledged by students in relation to class assignments including out of class assignments, tests, written papers, as well as other assignments that involve student assessment. Student

assessment may extend beyond classrooms and includes all applied academic settings of the University.

PARTICIPATION IN CO-CURRICULAR ACTIVITIES

No University students with at least one semester of course work attempted and/or completed at Johnson C. Smith University and a cumulative grade point average or credit hours earned below the requirements of the University's Satisfactory Academic Progress Scale (see page 58) will be allowed to participate in any University registered co-curricular student organization.

COURSE EXAMINATIONS

Semester or session examinations: All students are required to take the final examination in each course for which he or she is properly enrolled. Exceptions to this rule are granted by the department head and deans. The final examination must not account for more than twenty-five per cent (25%) of the final grade. **FAILURE TO TAKE AN EXAMINATION DOES NOT GUARANTEE A GRADE OF I.** Students who do not fulfill their financial obligations will not be allowed to take final examinations at the end of the semester.

Mid-Semester tests: All students are required to take the mid-semester test in each course for which he or she is properly enrolled.

Incompletes: A STUDENT WHO, AS A RESULT OF SICKNESS OR SOME OTHER UNAVOIDABLE CAUSE, HAS NOT FULLY SATISFIED THE REQUIREMENTS OF A COURSE MAY BE GIVEN A GRADE OF I, IF THE SUCCESSFUL COMPLETION OF THE WORK WILL ENABLE THE STUDENT TO EARN A PASSING GRADE. The incomplete may be removed while the student is not enrolled, but it must be removed within six weeks after the beginning of the next semester in which the student is enrolled. When the work is completed, the student must secure the necessary form from the Registrar's Office, take it to the Office of Financial Affairs to pay the necessary fee for removing incompletes, and then submit the form to the instructor, who will report the final grade to the registrar.

IF A STUDENT DOES NOT ENROLL WITHIN TWO YEARS AFTER RECEIVING THE I, THE INCOMPLETE BECOMES A PERMANENT (GRADE OF "Z").

Repeating of Courses: No student will receive credit for the same course twice. If any course is repeated in which credit hours are earned, the student's permanent record will be adjusted by subtracting the hours of the lower grade from the total hours earned. Credit hours will then be recorded for only the higher grade. Students are responsible for notifying the Registrar's Office when a course is being repeated. Space on the registration form is provided for this notification. **COURSES IN WHICH STUDENTS HAVE EARNED THE GRADE OF**

“F” MAY ONLY BE REPEATED AT JOHNSON C. SMITH UNIVERSITY.

Withdrawal: Students may withdraw officially from the University up to the last day to drop classes as designated on the University calendar.

Transfer of Credit: Students may obtain credit by attending another college or university if the following conditions are met:

1. The proposed institution of study must be accredited by one of the six regional accrediting agencies of the United States and must offer courses equivalent to those at Johnson C. Smith University.
2. Approval is to be secured from instructors, advisors, and heads of the departments at Johnson C. Smith. Application for approval must be submitted on the proper form obtainable from the Registrar's Office. When the form has been properly executed, it is returned to the Registrar's Office. Elective credits may be received for certain courses which do not correspond to any offered at Johnson C. Smith, provided approval is first received from the appropriate department head.
3. Approved courses in which the student receives a grade of C or better are transferable. **QUALITY POINTS AND GRADES ARE NOT TRANSFERABLE. CREDIT WITH GRADE BELOW C WILL NOT BE ACCEPTED.** Where quarter hours are taken, they will be converted at the rate of five quarter hours to equal three semester hours.
4. Normally, no more than fifteen hours, **EXCLUDING COURSE WORK THROUGH THE CONSORTIUM**, may be transferred.

CREDIT BY EXAMINATION

Advanced Placement Credits: Students satisfactorily completing Advanced Placement Examinations in disciplines offered by the University will be awarded academic credit. AP examination scores of 3 or above will be accepted for college credit. Students may receive additional credit hours if scores received are 4 or above, after consultation with the appropriate Department Head and Vice President of Academic Affairs.

Students are responsible for having their AP score(s) submitted directly to the University by The College Board.

The current approved course equivalencies follow:

ADVANCE PLACEMENT EXAMINATION EQUIVALENCY CHART
Johnson C. Smith University
Effective July 1, 2000

AP Examination	JCSU Course(s) Equivalents	Number of Credit Hours Rec'd
Art History	Humanities Electives	6
Studio Art	Humanities Elective	3
Biology	BIO 142; BIO 143; BIO 144 (any two) (LS 135 Exempt)	8
Calculus AB	MTH 241	4
Calculus BC	MTH 241-242	8
Chemistry	CHE 131, 111 and 132, 112 (LS 135 Exempt)	8
Computer Science A	CSC 131	3
Computer Science AB	CSC 131 and 132	6
Macro Economics	ECO 231	3
Micro Economics	ECO 232	3
Language and Composition	RHC 191 and 192	6
Literature and Composition	English Electives	6
Environmental Science	Science Elective	4
French Language	Language Electives	6
French Literature	Language Electives	6
German Language	Language Electives	6
U.S. Government	POL 131	3
Comparative Politics	POL 333	3
European History	History Electives	6
U.S. History	HIS 135 and 136	6
International English	English Electives	6
Latin	Language Electives	6
Music Theory	MUS 143 and 144	8
Physics B	Science Electives (Non-Science majors)	6
Physics C (Mechanics)	PHY 243 (LS 135 Exempt)	4
Physics C (Electricity and Magnetism)	PHY 244 (LS 135 Exempt)	4
Psychology	PSY 131	3
Spanish Language	SPA 131 and 132	6
Spanish Literature	Language Electives	6
Statistics	PSY 233; BUS 233; MTH 132	3

NOTE: Internships, institute participation (original CEU certificate must be submitted as verification of participation), and study abroad for credit MUST be cleared and approved before a student takes part in such a venture.

THE STUDENT IS RESPONSIBLE FOR FOLLOWING THE PROCEDURES LISTED ABOVE.

Placement Tests: Placement tests are administered by the University during Golden Bull Academy and during New Student Week in English, mathematics, computer science, French and Spanish. Students achieving required competency levels on one or more examinations will be placed in upper level courses in that discipline or exempted from enrolling in selected University required courses.

Grade Reports: At the end of each semester, grade reports are sent to students. Mid-semester grades are sent to advisors for purpose of advisement. Only semester grades are permanently recorded.

Permanent Records Folder: The permanent records folder includes the original copies of all registration forms, drop/add forms, incomplete removals, and copies of all grades students received at the end of the terms.

TRANSCRIPTS

An official transcript of a student's academic record will be sent to a designated person or institution upon written request by the student. However, all obligations to the University must be cleared before a transcript is released.

The first transcript is free of charge; all subsequent copies are \$4 per copy.

All transcript requests are made through the Registrar's Office and should be received at least one week before they are needed. REQUESTS BY TELEPHONE WILL NOT BE HONORED.

CLASSIFICATION OF STUDENTS

Students in the University are classified for the year at the beginning of the FALL SEMESTER according to records in the Registrar's Office. The basis for this classification is as follows:

Seniors: Students who have, unconditionally, at least 90 credit hours of work.

Juniors: Students who have, unconditionally, at least 60 credit hours of work.

Sophomores: Students who have at least 30 credit hours of work.

Freshmen: All other students, not registered as special, who have fewer than 30 credit hours of work.

CENTERS OF EXCELLENCE

Centers of Excellence at Johnson C. Smith University are programs/curricula selected for their excellence or uniqueness among institutions of higher learning. Selected Centers are periodically reviewed and opportunities provided for "new" Centers to be designated.

SPECIAL PROGRAMS

At Johnson C. Smith University, the educational program is continuously under review. As a result of that review, experimental courses/programs are being offered. These explorations will be continued and enhanced during the 1999-2000 academic year.

The University reserves the right to alter, revise, or eliminate any academic program it deems necessary.

ACADEMIC SUPPORT SERVICES

Student Support Services is a federally-funded academic support program that serves a select number of students at the University, primarily freshmen. The purpose of the program is to provide necessary academic support services that will enhance students' academic performance and help them achieve their educational objectives (i.e., graduation from the University). Numerous academic services such as academic advising, tutoring in mathematics and foreign languages, and individualized English lab sessions are provided. Various other career development and cultural enrichment activities are offered to promote participants' total development.

The Student Support Services program emphasizes from the beginning of the freshman year the importance of participating fully in the educational process. A variety of activities are provided to allow students to assess their interests and to explore various fields of study and career options.

Charlotte Area Educational Consortium

Full-time students may enroll in courses, not available at Johnson C. Smith University, which are offered at other participating institutions in the Charlotte Area Educational Consortium (CAEC) without additional tuition and fees.

The Charlotte Area Educational Consortium offers inter-institutional registration during the fall and spring semesters at the member institutions listed below.

CAEC MEMBER INSTITUTIONS

Anson Community College	Lenoir-Rhyne College
Barber-Scotia College	Livingstone College
Belmont Abbey College	Mitchell Community College
Catawba College	Pfeiffer University
Catawba Valley Community College	Queens College
Central Piedmont Community College	Rowan-Cabarrus Comm. College
Cleveland Community College	Stanly Community College
Davidson College	Univ. of No. Carolina at Charlotte
Gardner-Webb University	Univ. of So. Carolina at Lancaster
Gaston College	Wingate University
Gordon-Conwell Theological Seminary-Charlotte	Winthrop University
Johnson C. Smith University	York Technical College

The registration process is initiated in the Office of the Registrar and requires the approval of the student’s academic advisor, the Vice President for Academic Affairs, and the Registrar.

COOPERATIVE EDUCATION PROGRAM

Description: The Cooperative Education Program is an academic program offered at Johnson C. Smith University for all students who are eligible. Any student in any major can apply to participate in the Cooperative Education Program if eligible. The cooperative education course is a university elective and will be administered by the Office of Cooperative Education. The Director of the Office of Cooperative Education will monitor and supervise each student’s work performance and will be responsible for assigning letter grades to students through the Office of Academic Affairs.

The cooperative education program consists of two or three semesters of full time work. The students will get six hours of academic credit for each work semester, not to exceed eighteen hours of credit. However, only six hours of credit will apply towards degree completion requirements. The other hours will be listed on the student’s transcript but will not apply towards degree completion requirements.

Companies/organizations determine the work term assignments. For example, students can work three alternating semesters or two consecutive semesters as determined by the needs of the company/organization participant. A student must work a minimum of two semesters total but not more than two semesters consecutively.

The student must meet the following criteria to apply for the cooperative education program:

Eligibility of student participants

- Must be currently enrolled and maintain enrollment throughout the cooperative education process at Johnson C. Smith University

- Must have completed a minimum of 45 academic credit hours, but not more than 90 academic credit hours at the time of initial application
- Must be in good standing at the university (i.e. Judicial Affairs, Financial Affairs, and Academic Affairs)
- Must have declared and been accepted into an academic major
- Must have a minimum of a 2.5 GPA (organizations determine GPA requirements)
- Must maintain a “0” balance in Student Accounts (Financial Affairs)
- Must have 2 faculty recommendations for participation in program (one must be from a faculty member in the student’s academic major department)
- Must complete a Cooperative Education Application
- Must complete a commitment letter obtained from the Office of Cooperative Education
- Must complete a commitment letter obtained from the Office of Cooperative Education
- Departmental approval of the work as related to the actual cooperative education experience is required

Companies/organizations select candidates to receive co-op positions. These positions are competitive. Therefore, a student is advised to begin the application process at least one semester prior to the anticipated work term. In addition, students will be able to advance register for the cooperative education courses after the application, interviewing, and selection processes are completed.

LIBERAL STUDIES PROGRAM

The main purpose of the Liberal Studies Program is to enable each student to acquire a broad and substantial foundation in the modes of learning. The program is designed to complement the program of specialized education by preparing students for responsible and imaginative living.

Entering freshmen are required to take a series of examinations for placement and counseling purposes. The achievement tests in mathematics, computer literacy, written composition and foreign language are for placement; interest and psychological tests are for use in counseling.

Students who, through testing, demonstrate proficiency in a subject matter area may be given advanced standing in that specific area. This procedure, however, will not reduce the total number of hours required for graduation.

A student may begin a major in the freshman year. Normally freshmen will not be permitted to take more than the normal load,

twelve to eighteen credit hours. Each entering student is scheduled in appropriate classes by assigned Mentors who serve as academic advisers until that student is accepted into a Major course of study.

***Liberal Studies Requirements for Graduation**

Sequence Year	SCOPE	Complementary Studies
1	Core 1. Identity: African-American And Other Cultural Traditions Core 2. Science, Technology, Ethics I; 3 hrs.*	ORT 110; 1 hr. RHC** 191, 192; 6 hrs. Foreign Language**; 6 hrs. Speech 130; 3 hrs. Mathematics**; 6 hrs. CSC 131; 3 hrs. HED 121; 2 hrs. Phys. Activity; 1 hr.
2	Core 3. Studies in Society; 3 hrs. Core 4. Studies in World Culture; 3 hrs.	ENG 230; 3 hrs. Phys. Activity; 1 hr. Selection from this group; 3 hrs. MUS 131 PHI 131 REL 131 ART 231 PHI 233 Phys. Activity; 1 hr.
	Total core hours - 12	Total complementary hours - 35 Total LS Hours - 47

* Any Biology or Chemistry course (approved by the Department of Natural Sciences) will satisfy the LS 135 (Science, Technology, Ethics) requirement.

** Level determined by placement test

Core 1 - LS 130

IDENTITY: AFRICAN-AMERICAN AND OTHER CULTURAL TRADITIONS
Three Credit Hours
The aim of this reading-writing intensive interdisciplinary Freshman Core course is to enable students to examine the process of human identity formation through the study of humanities and social sciences. Students will conduct inquiry into the major development and patterns of change in a variety of cultures, including African American culture, with emphasis on human values, beliefs, and emotions, and how these are expressed through human creations.

Core 2 - LS 135

SCIENCE, TECHNOLOGY, ETHICS
Three Credit Hours
An introduction to the basic principles of biological and physical science and its impact on human life. Current issues in science and technology pertaining to the environment and human health will be discussed.

Core 3 - LS 235

STUDIES IN SOCIETY
Three Credit Hours
This interdisciplinary course introduces the modern practices and applications of social, economic, and political theory. These practices and applications build competence in understanding and using institutions that affect social and economic events. Emphasis will be placed on processes and events that affect different cultural groups and societies.

Core 4 - LS 237**STUDIES IN WORLD CULTURES****Three Credit Hours**

This multidisciplinary sophomore level course will, through the methodology of history, introduce students to the religion, art, social organization, economics, politics, science and technology, literature and philosophy of various cultures. Contributions of Western and non-Western cultures will be examined. There will, however, be a strong emphasis on non-Western cultures.

LS 137**INTRODUCTION TO INFORMATION TECHNOLOGY****Three Credit Hours**

This course is designed to introduce students to information technology and its applications, including word processing, spreadsheets, data base development, Power Point, and web page development (Approved Pilot-Spring 1999).

Freshman Orientation Course

The Orientation Program is designed to introduce entering freshmen and transfer students to campus life and provide them with the skills necessary for a successful college career. It is required for all students for graduation, and is taught by the student's Mentor.

ORIENTATION 110**One Credit Hour**

A course designed to introduce entering freshmen to the practices of successful study and living in the university community. Students participate in a small supportive learning group, under the leadership of a faculty mentor, to design the direction of their living/learning practices. In addition to this, the course invites students to assess their personal, academic, social, and career development in the context of an on-going inquiry into the permanent domains of human concern. This course will meet weekly for a one hour session and is a requirement for graduation.

ORIENTATION 120**One Credit Hour**

A course designed to introduce transfer students to campus life and provide them with the skills necessary for a successful college career. In addition to this, the course will allow students the opportunity to explore their strengths, weaknesses and possibilities for growth and self-fulfillment in a supportive group setting, as well as establish an identity and their place within the institutional environment. The course content includes the following themes:

Environmental Awareness-the history and philosophy of the institution, familiarity with helping resources and academic procedures and developing appropriate study skills; **Personal Awareness**-achieving autonomy, identity, adequate coping skills and clarification of personal values, **Group Integration**-distinguishing group values from individual values and socialization. **Career Development and Preparation in Higher Education**-the importance of decision making, personal responsibility for education, the purpose of a liberal education, career exploration and academic major clarification. This course will meet weekly for a one hour session. (Not required for transfer students with 64 earned credit hours)

COOPERATIVE EDUCATION COURSES

COOP 201

COOPERATIVE EDUCATION EXPERIENCE I

Six Credit Hours

First full-time cooperative education experience related to the student's discipline. Student is engaged in co-op for a two to three semester period of consecutive or alternating work/school terms. An example of a two-semester consecutive work term is: spring semester=work; summer semester=work. An example of an alternating work/school schedule is: fall semester=work; spring semester=school; summer semester=work; fall semester=school; spring semester=work. A minimum of forty hours per week of paid, on-the-job experience designed to bridge the gap between the academic world and the business world is required. Prerequisite: Minimum overall grade point average of 2.5, minimum of 45 credit hours completed, and Permission of Coop Director

COOP 301

COOPERATIVE EDUCATION EXPERIENCE II

Six Credit Hours

Second full-time cooperative education experience related to the student's discipline. Student is engaged in co-op for a two to three semester period of consecutive or alternating work/school terms. An example of a two-semester consecutive work term is: spring semester=work; summer semester=work. An example of alternating work/school schedule is: fall semester=work; spring semester=school; summer semester=work; fall semester=school; spring semester=work. A minimum of forty hours per week of paid, on-the-job experience designed to bridge the gap between the academic world and the business world is required. Prerequisite: Minimum overall grade point average of 2.5, minimum of 45 credit hours completed, and Permission of Coop Director

COOP 401

COOPERATIVE EDUCATION EXPERIENCE III

Six Credit Hours

Third full-time cooperative education experience related to the student's discipline. Student is engaged in co-op for a two to three semester period of consecutive or alternating work/school terms. An example of a two-semester consecutive work term is: spring semester=work; summer semester=work. An example of an alternating work/school schedule is: fall semester=work; spring semester=school; summer semester=work; fall semester=school; spring semester=work. A minimum of forty hours per week of paid, on-the-job experience designed to bridge the gap between the academic world and the business world is required. Prerequisite: Minimum overall grade point average of 2.5, minimum of 45 credit hours completed, and Permission of Coop Director

SERVICE LEARNING ALTERNATIVE TRACK

Selected courses incorporate service into the course curriculum. These courses will be designated on the schedule by (s). Service hours earned in these courses may count toward community service hour requirements.

COMMUNITY SERVICE REQUIREMENT

Community service is a requirement for graduation. Students in the regular curriculum must satisfy a minimum of 10 hours per year and

students in the Honors College must satisfy a minimum of 30 hours per year. (Transfer students' hours will be calculated based on the number of semesters in attendance at the University). All Community Service activities, whether completed during the regular school term or during vacation periods, must have the prior approval of the Service Learning Coordinator.

Graduating seniors' hours should be submitted to the Service Learning Center by the deadline date for submission found on the University Calendar. **No pending time sheets will be verified after that stated date.**

REQUIRED COMPETENCY TESTING

For students entering the University after the Fall of 1988, performances on competency tests will help determine their academic progression. Second-semester sophomores will be required to take tests in basic communication and cognitive competencies. Seniors will be required to take tests in their major fields in order to graduate from the University.

LEARNING ACROSS THE CURRICULUM PROGRAM/SENIOR INVESTIGATIVE PAPER

All students participate in the Learning Across the Curriculum (LAC) Program to sharpen communication and thinking skills. Every student is required to complete 18 credit hours of writing, thinking, reading, quantitative reasoning and speaking intensive classes for graduation; ideally, three hours each semester starting in the sophomore year. Credit for LAC classes may be earned in Liberal Studies, major, or elective courses.

The Learning Across the Curriculum Program culminates in a Senior Investigative Paper required of every student for graduation. Faculty members advise their respective majors in preparing the Senior Investigative Paper, and the details of scheduling and exact requirements vary from department to department. In many departments, students begin preliminary research, literature searches, topic formulation, or research design in the junior year. Students will receive detailed information on the paper requirement in their major from department advisors and other faculty members.

COMPUTER LITERACY

The University requirement that each student be computer literate may be met by achieving a grade of C or better in Computer Science 131 or an equivalent course. Students with prior computer knowledge may meet this requirement by making a satisfactory score on a computer literacy assessment test.

ENGLISH

The University requirement of demonstrated English proficiency must be met by achieving a grade of C or better in Rhetoric 191 & 192,

the required composition course or its equivalent. Students may meet this requirement by achieving a satisfactory score on the English placement test administered to entering freshmen.

FOREIGN LANGUAGE

All students are required to take a minimum of two semesters or the equivalent of a foreign language, (six hours in one language distributed as 131 and 132).

Students who have studied two or more years of a foreign language in high school are required to take a placement examination in the language studied. According to their scores, students will be placed in 131, 132, 231, or 232. Those students who place in 231, as a result of the placement examination, have satisfied the equivalent of 132. They may elect to continue in the study of a foreign language as electives or upon recommendation of their major departments.

Students who have not previously studied a foreign language may enroll in one of the following courses: French 131, Spanish 131, Chinese 131, Russian 131, Japanese 131, Arabic 131 or German 131. (Please note: Chinese, Russian, Japanese, Arabic and German are given only upon sufficient demand.) Students who wish to satisfy the language requirement with a language other than the ones listed immediately above may take 131 and 132 at a college within the Consortium.

EXEMPTION FROM PHYSICAL EDUCATION ACTIVITIES

Each student is required to participate in the University physical education program. Students with physical disabilities of any nature may take physical education 119A and 119B to satisfy the P.E. activity requirement. Before enrolling in these courses a student will need to have a statement from their personal physician. This information must be documented in the physical education department. FORMER MILITARY PERSONNEL ARE EXEMPTED FROM PHYSICAL EDUCATION ACTIVITY COURSE REQUIREMENTS.

MAJOR PROGRAM

A major consists of a set of prescribed courses in a field of study, administered primarily by one department, which when combined with general education and electives, leads to a bachelor degree. The courses in the major may come from more than one department, but may not be less than 30 nor more than 62 hours, including all required support courses (excluding Liberal Studies Program courses). A support course is one deemed complementary to or prerequisite for one or more courses in the major course set.

Departments, after program assessment, may petition the Faculty through the Educational Policies Committee, the Faculty Senate, and the College, to require more than 62 credit hours for a major. All degree

programs include a minimum of 6 credit hours of electives freely chosen by the student.

Students may enroll in either College and may major in the following subjects: applied mathematics, biology, business administration (concentrations in accounting, banking and finance, management, marketing), chemistry, communication arts, computer engineering, computer science/information systems, criminal justice, computer science/engineering, economics, education-elementary, English, English education, general science, health education, liberal arts, physical education, history, mathematics, mathematics education, music-business, social studies education, political science, psychology, sacred music, social science, social work, and sociology.

Application for Major

It is recommended that students apply for a major not later than the end of the fall semester of the sophomore year. As a result, department heads will have adequate time and opportunities to observe and to advise students while there is enough time to make necessary program adjustments. This plan enables students to find major areas that are most profitable for them. Forms to apply for the major may be obtained from the Office of the Registrar. When the major is approved, the department head retains a copy of the application and the student returns the second copy to the registrar.

Changing of a Major

A student may change a major by obtaining the proper forms from the Registrar's Office. When the change is approved by the department head, the department head retains one copy and the student returns the second copy to the registrar.

Student Success and Retention

The University's commitment to excellence in education and student achievement is further demonstrated by services offered through the Office of Student Success and Retention. The Student Retention effort aims to review and integrate University programs, policies and procedures that will result in greater student success and achievement leading to degree completion and graduation.

The Student Retention Coordinator works closely with various faculty, staff and departments throughout the University to evaluate attrition patterns, identify barriers to student academic success, analyze academic difficulties which affect individual student progress and make recommendations for improving student satisfaction. The office also maintains data on student retention.

All students who have accumulated at least 26 credit hours and have not declared a major are required to meet with the Student Retention Coordinator to develop a Student Success Plan (SSP). The

Office of Student Retention is located in the Center for Teaching and Learning.

MINOR PROGRAM

Students at Johnson C. Smith University may elect to minor in an area, but are not required to do so. A minor is a field of study outside the major requiring between a minimum of fifteen semester credits and a maximum of twenty-one semester credits.

Application for Minor

It is recommended that students who wish to declare a minor, do so not later than the end of the fall semester of the junior year. Such a time schedule permits the department head to assist the student in selecting the most appropriate courses from the minor area to supplement the major concentration and the student's goals. Forms to apply for the minor may be obtained from the Office of the Registrar. The completed form should be taken to the department head of the department which houses the minor concentration. After the application form is reviewed and if approved, a copy of the application is retained by the department head and one copy is returned to the Office of the Registrar by the declaring student.

Changing of a Minor

A student may change a minor by obtaining the proper form from the Office of the Registrar. When the change is approved by the department head of the new minor, one copy remains in the department and the second copy is returned to the Office of the Registrar by the student.

CONCENTRATION

A concentration is a defined set of courses within a major that prepares students for a specific goal.

DEGREES AND GRADUATION REQUIREMENTS

Degrees

The University administers work leading to the degree of Bachelor of Arts, Bachelor of Science, or Bachelor of Social Work.

Degrees with Honors

To graduate cum laude, a student must have spent at least two years in residence at the University and at least earned an average of 3.00 to 3.49.

To graduate magna cum laude, a student must have spent at least three years in residence at the University, earned an average of 3.50 to 3.69, and no grade below C.

To graduate summa cum laude, a student must have spent at least three years in residence at the University, earned an average of 3.70 to 4.00 and no grade below C.

Graduation

Application for Degree

Seniors are required to file an application for degree, indicating expected date of graduation (See University Calendar).

General Requirements: Candidates for the bachelor's degree must complete at least 122 hours, must earn a minimum overall grade point average of 2.00, must earn a minimum grade of C in any course that counts toward the major, and must satisfy all requirements of the curricula in the Liberal Studies Program.

Catalog Requirement: Graduation will be governed by the catalog under which students first enroll in the institution and if they graduate within a period of five years. Otherwise, current requirements must be met after that period of time. This regulation will be subject to such additional conditions that may be established by decisions of the Educational Policies Committee and approved by the Faculty and University administration.

Residence Requirements: The minimum residence requirement for the bachelor's degree is that the last 32 of the 122 semester hours required must be earned at Johnson C. Smith University.

Exceptions to this requirement may be made when approved by the Vice President for Academic Affairs, major advisor, department offering course or courses in question, and the President.

STUDENT RESPONSIBILITY: FAMILIARITY WITH THE UNIVERSITY CATALOG, MAINTAINING A SATISFACTORY GRADE POINT AVERAGE, PROPER COMPLETION OF THE ACADEMIC PROGRAM, AND SATISFYING ALL OTHER REQUIREMENTS FOR GRADUATION ARE RESPONSIBILITIES OF EACH STUDENT. ADVISORS WILL COUNSEL, BUT THE FINAL RESPONSIBILITY REMAINS THAT OF THE STUDENT. Students are obligated to comply with the reasonable rules and regulations of the University and all requirements for graduation. Students will graduate only when all requirements as specified by the applicable catalog have been completed. The University reserves the right not to graduate any student who has not complied with all graduation requirements.

SUMMER SCHOOL

Admission

The Johnson C. Smith University Summer School is open to all persons who are eligible in at least one of the following categories:

1. Persons desiring to take college courses for self-improvement,
2. Students completing requirements for degrees at other colleges (Statement of approval from a designated official must be presented if credit is to be transferred.);
3. Students completing requirements for degrees at Johnson C. Smith;
4. High school graduates intending to pursue a degree at Johnson C. Smith or another institution (These persons must apply for admission to the regular University program through the Office of Admissions at Johnson C. Smith or the institution to which the credit will be transferred.);
5. Inservice teachers who desire to upgrade, to renew, or to convert their certificates;
6. Veterans eligible under Public Law No. 91-219 of the Congress of the United States to take training in an approved institution (Johnson C. Smith is certified by the Veterans' Administration to provide training.)

Application for admission may be obtained by writing to the Director of Summer School.

Fees

Tuition for all students is for a normal load of six credit hours. An additional charge per credit hour will be made for any hours that exceed the normal load. Students who wish to take more than the normal load of six credit hours must consult the Director of Summer School.

The fee for room and board will cover room rent and three meals per day. A deposit may be required. Students desiring room and board facilities should file an application with the Director of Residence Life programs.

All fees are due and payable on the day of registration. Fees are not refundable after the first week. No exception to this regulation will be made for illness or any other reason for withdrawal. No refund will be made to students dismissed for academic or disciplinary reasons.

A late registration fee of \$10.00* will be charged after the first day of each session. NOTE: Late registration fees for veterans will not be paid by the Veterans' Administration. The veteran is personally responsible for late registration fees, payable in advance.

**Subject to change without notice to students when deemed necessary by the University.*

Financial Aid

Financial Aid is available for students during summer school on a case by case basis. Students must be meeting Satisfactory Academic Progress to receive aid. For information, write to the following address:

Office of Financial Aid
Johnson C. Smith University
Charlotte, North Carolina 28216-5398

Course Offerings and Faculty Selection

Summer School courses are offered in most departments, depending upon demand. The Summer School faculty is usually composed of members from the regular faculty. Because of their special expertise, faculty members from other institutions are sometimes invited to join the Summer School faculty.





COURSE DESCRIPTIONS

ACADEMIC COLLEGES

Subjects are arranged under the following Colleges:

COLLEGE OF ARTS AND SCIENCES, COLLEGE OF PROFESSIONAL STUDIES and HONORS COLLEGE

System of Course Numbers

The number of each course has three digits. The first digit indicates the classification level. The second digit indicates the number of credit hours. The third digit merely distinguishes the course from other courses in the classification and credit bracket of the department. Some courses have a middle digit of 8 or 9. The 8 generally indicates a two-credit course, and the 9 indicates a three-credit course.

Hyphenated courses are regarded as year courses and must be taken in sequence. Courses marked with an unexplained asterisk (*) are required for teacher certification. Courses marked with an unexplained dagger (†) may be used as general education requirements.

COLLEGE OF ARTS AND SCIENCES

The College of Arts and Sciences serves the University in five basic areas: basic communication skills, general liberal studies foundation for all students, professional preparation in selected major fields within the college, pre-professional education, and cultural enrichment. The College of Arts and Sciences plays a large part in fulfilling the University's mission of the "development of self-confidence, to the understanding of one's heritage as well as an awareness of the cultures of others." The College also strives to "produce graduates who are able to communicate effectively, think critically, learn independently and demonstrate competence in their chosen fields." Students may major in:

English	English Education
Liberal Arts	Criminal Justice
Biology	General Science
Chemistry	Social Studies Education
Psychology	Mathematics
Social Science	Applied Mathematics
History	Mathematics Education
Sociology	Music Business
Political Science	Sacred Music

The College of Arts and Sciences consists of the following departments: English, Foreign Languages, Music and Fine Arts, Natural Sciences, Psychology, Social Sciences, and Mathematics and Physics.

Through the general and specialized courses in its program, the College of Arts and Sciences endeavors to acquaint students with the substance, methodology, and breath of the humanities, arts, natural sciences, and social sciences; to prepare students for careers in those fields; to prepare students at the pre-professional level for further study in graduate schools; and, above all, to stimulate and develop intellectual curiosity and imaginative creativity in each student.

The departments within the College of Arts and Sciences provide students with the skills needed to accomplish the tasks of their professions and enable them to lead fuller, more rewarding lives. Through study in the college, students gain appreciation of the arts, humanities and sciences. The college prepares students for their future roles in a global society by providing opportunities for them to realize their individual potential.

THE DEPARTMENT OF ENGLISH

The Department of English offers course work that leads to a Bachelor of Arts degree in English or English Education. Students may also choose to minor in English. The Department houses Drama, Philosophy, Religion, and Speech. Within the Department, then, students may study a wide-range of arts and humanities, studies that have traditionally constituted the center piece of a liberal education.

ENGLISH

The program in English seeks to accomplish the following goals: first, to provide the training essential for students to develop their abilities in reading and writing; second, to provide experiences in the study of literature, which will enhance a student's personal, intellectual, aesthetic, and cultural development; and finally to provide major and minor programs in English which prepare students for graduate and professional school as well as for careers in education and various professions requiring a strong background in communication skills.

Consisting of a minimum of thirty-six credit hours above the sophomore literature requirement (English 230), the English major includes courses in English and American literature, language, criticism and writing. The following courses are required: English 234, English 333-334 or 335-336, English 339, English 491 or 493, and English 439 and 490. To these twenty-one hours of required course work, the English major must add an additional fifteen hours of electives in the major. To ensure that there is an acceptable distribution over the entire field of English language and literature, students must select at least one course from each of the following categories:

Group I: English Literature Before 1798

ENG 330 Chaucer 3 cr. hrs.

ENG 430 Milton 3 cr. hrs.

ENG 431 Eng. Lit of the Restoration and the 18th Century 3 cr. hrs.

Group II: English Lit. After 1798

ENG 435 Studies in Romantic Lit., 3 cr. hrs.

ENG 436 Studies in Victorian Lit. 3 cr. hrs.

ENG 440 The British Novel 3 cr. hrs.

Group III: American Literature

ENG 437 Contemporary Lit. 3 cr. hrs.

ENG 441 The American Novel 3 cr. hrs.

ENG 494-495 African-American Lit. 3 cr. hrs. each

Group IV: Drama and Film

DRAMA 232 Introduction to Theatre 3 cr. hrs.

DRAMA 332 Film Criticism 3 cr. hrs.

DRAMA 333 Drama Workshop

DRAMA/ENG 433 Modern Drama 3 cr. hrs.

ENG 392 Screenplay Writing

Group V: Studies in Advanced Reading and Writing*

ENG 390 Studies in Textuality: Advanced Reading 3 cr. hrs.

ENG 432 The Bible as Literature 3 cr. hrs.

ENG 391 Advanced Composition 3 cr. hrs.

ENG 337 Creative Writing 3 cr. hrs.

ENG 233 Business Writing 3 cr. hrs.

Note: Each special topics course is assigned to a category appropriate to its subject.

**Students may also receive Group V credit for any one of the following cross-listed courses: Media 233, TEL 330, and PUR 337.*

The English Education major prepares students for secondary licensure (grades 7-12). Consisting of a minimum of thirty-three credit hours above the sophomore literature requirement, the English Education major includes the following requirements in English: English 234, English 333-334 and 335-336, English 338, English 339, English 429, English 439, English 490, and English 491 or 493. In addition, students must complete the courses in education and psychology as prescribed by the Teacher Education Program. Where feasible, the English Education major should secure at least fifteen hours of credits in a second teaching field.

In accordance with University policy, each English and English Education major is required to write a Senior Investigative Paper. During the final phase of the student's program, he or she will take a sequence of two courses, Senior Seminar (ENG 490) and Principles of Literary Criticism (ENG 439), aimed at preparing and assisting the student in the production of the Senior Investigative Paper.

All English and English Education majors must earn a minimum grade of C in all courses that count toward the major. All majors are also required to take six credit hours of foreign language study beyond

the University's general education requirement. All twelve hours must be in the same language.

All English and English Education majors are encouraged to participate in the English Club and in the publication of the Department-sponsored literary and arts magazine, The Treewell. Students who are eligible may be elected members of the Department's chapter of Sigma Tau Delta, the international honors society for English.

A minor in English consists of eighteen credit hours in English above the sophomore literature requirement. Minors in English will not be given credit towards their concentration for courses in English in which they earn grades below C.

LANGUAGE AND WRITING

RHETORIC 191-192 Freshman Rhetoric **Three credit hours each**

A study of composition, including the forms of discourse, rhetorical patterns, language use, critical reading and thinking skills, and the research paper.

NOTE: Students must receive a grade not less than C to satisfactorily complete the course.

ENGLISH 233 Business Writing **Three credit hours**

Techniques of writing and other organizational contexts, including letters, reports, studies and publicity materials. Same as PUR 233.

ENGLISH 337 Creative Writing **Three credit hours**

Study of theory and techniques of the short story, the essay, the novel, and poetry. Individual experimentation in the various genres. Enrollment with prior consent of instructor. May be repeated once for credit with permission of the instructor, but only three hours may be counted toward English major requirements.

ENGLISH 390 Studies in Textuality: Advanced Reading **Three credit hours**

A cross-disciplinary study of culturally important works via the methods of textual inquiry. A work's ability to convey meaning is explored as both a feature of its content (plot, argument, or ideas) and of its textuality (how it behaves in relation to historical systems of discourse). Recommended for all students who wish to increase their proficiency as readers.

ENGLISH 391 Advanced Composition **Three credit hours**

Use of literature as a basis for writing themes and developing oral and written communication skills. Emphasis on specialized kinds of writing. Review of the business letter and English fundamentals. Mastery of the techniques of research, using the *MLA Style Sheet* as a guide. Recommended for all students who wish to increase their proficiency in oral and written composition.

ENGLISH 392 Screenplay Writing **Three credit hours**

A practical course in the writing of a production standard screenplay. Attention to the principal techniques of formatting, structuring, and timing a screenplay. The course includes a comprehensive study of successful screenplays.

ENGLISH 491 The English Language **Three credit hours**

A study of the principles of language study, with special attention to the historical and linguistic forces which have affected the development of the English language. Prerequisite: ENG 234 or consent of instructor.

- ENGLISH 493 Modern English Grammar** **Three credit hours**
 Rapid review of traditional grammar and current usage problems, followed by a descriptive analysis of the structure of present-day English in the light of recent research in linguistics. Prerequisite: ENG 234 or consent of instructor.

LITERATURE

- ENGLISH 230 Studies in World Literature** **Three credit hours**
 An introduction to literature, using poetry, fiction, and drama from around the world (Africa, Asia, Europe, South and North America). Prerequisite: RHC 192
- ENGLISH 234 English Language, Literature, and Literary** **Three credit hours**
 An introduction to the English major which presents the historical development of English studies in America with attention to contemporary issues and possible future directions. The course includes an overview of the English language, approaches the study of literature, and issues of literacy. Required for all English majors.
- ENGLISH 330 Chaucer** **Three credit hours**
 Detailed study of the "Caterbury Tales" and "Troilus and Criseyde." Attention to Middle English and medieval culture. Study of changing critical approaches to Chaucer. Prerequisite: ENG 234 or consent of instructor.
- ENGLISH 333-334 English Literature** **Three credit hours each**
 A survey of English literature from Beowulf to selected works of the present time. Offered in alternate years. Prerequisite: ENG 234 or consent of instructor.
- ENGLISH 335-336 American Literature** **Three credit hours each**
 A survey of American literature from selected works of the Colonial Period to selected works of the present time. Offered in alternate years. Prerequisite: ENG 234 or consent of instructor.
- ENGLISH 339 Shakespeare** **Three credit hours**
 A study of at least twelve of the plays (eight in detail). Prerequisite: ENG 234 or consent of instructor.
- ENGLISH 430 Milton** **Three credit hours**
 Selected prose and all of the English poems. Prerequisite: ENG 234 or consent of instructor.
- ENGLISH 431 English Literature of the Restoration and the Eighteenth Century** **Three credit hours**
 A study of English literature from the Restoration to 1798. Prerequisite: ENG 234 or consent of instructor.
- ENGLISH 432 The Bible as Literature** **Three credit hours**
 A non-sectarian literature course which aims to lead the student — as lay reader — to an understanding and appreciation of the Sacred Writings of the Judaeo-Christian tradition as literature. It will be a research-oriented course with a strong hermeneutical emphasis as opposed to a text-analysis emphasis. Prerequisite: ENG 234 or consent of instructor.
- ENGLISH 433 Modern Drama** **Three credit hours**
 Extensive reading and study in the works of representative European and American dramatists. Attention to purpose, theme, and techniques. (Same as Drama 433.) Prerequisite: ENG 234 or consent of instructor.

- ENGLISH 435 Studies in Romantic Literature** **Three credit hours**
 A detailed study of the Romantic Movement, including the major English poets—Blake, Wordsworth, Coleridge, Byron, Shelley, Keats—and a broad understanding of the significant prose of the period. Prerequisite: ENG 234 or consent of instructor.
- ENGLISH 436 Studies in Victorian Literature** **Three credit hours**
 A study of the major post-Romantic poets. Varying choice of subject matter from year to year. Prerequisite: ENG 234 or consent of instructor.
- ENGLISH 437 Contemporary Literature** **Three credit hours**
 Study of outstanding figures of American literature from 1945 to the present. Varying choice of authors and subjects from year to year. Prerequisite: ENG 234 or consent of instructor.
- ENGLISH 439 Principles of Literary Criticism** **Three credit hours**
 Review of the history of Western criticism, study of developments in literary theory, guided experiences with practical criticism. Prerequisite: ENG 234 or consent of instructor.
- ENGLISH 440 The British Novel** **Three credit hours**
 A historical and critical survey of British fiction from the eighteenth century to the present. Varying choice of subject matter from year to year. Prerequisite: ENG 234 or consent of instructor.
- ENGLISH 441 The American Novel** **Three credit hours**
 A historical and critical survey of American fiction from the nineteenth century to the present. Varying choice of subject matter from year to year. Prerequisite: ENG 234 or consent of instructor.
- ENGLISH 476, 477, 478 Internship** **One to three credit hours**
 Supervised work in a professional environment, offering practical experience in a relevant field. Forty hours of work time are required for each hour of credit. A maximum of 120 hours of work is required. Students must also write a paper on the experience. Enrollment by permission of instructor.
- ENGLISH 490 Senior Seminar** **Three credit hours**
 The Senior Seminar is required of all English majors. All majors will be required to complete successfully (a grade of C or above) the senior investigative paper in order to satisfy one of the departmental graduation requirements. This is a research seminar in which students write their senior investigative papers. Prerequisite: ENG 234 or consent of instructor.
- ENGLISH 494-495 African-American Literature** **Three credit hours each**
 A survey of African-American literature from its beginnings to the present, with the first half of the survey covering works up to the Harlem Renaissance and the second from the Harlem Renaissance to the present. Prerequisite: ENG 234 or consent of instructor.
- ENGLISH 496-497-498 Special Topics in English** **One to six credit hours**
 Detailed investigation of a special topic in language or literature. Prerequisite: ENG 234 or consent of instructor.
- ENGLISH 499 Independent Study** **One to six credit hours**
 A planned and structured project cooperatively defined by student and faculty. Student permitted to contract to complete work in the areas of language, writing, or literature. Enrollment: one, two, or three hours according to the scope of work to be completed. May be taken again for three additional hours of credit. Open to majors and to English education majors. Prerequisite: ENG 234 or consent of instructor.

THE TEACHING OF ENGLISH

ENGLISH 338 Literature and Media for Adolescents **Three credit hours**
A study of literature and media for adolescents. Open to students of intermediate and secondary education, as well as to inservice teachers.

ENGLISH 429 The Teaching of English **Three credit hours**
A study of philosophy, materials, and techniques used in teaching language, literature, and composition in grades 7-12.

SPEECH

SPEECH 130† Fundamentals of Speech **Three credit hours**
Introduction to speech communication as it applies to practical, intrapersonal, interpersonal, small group and public settings. Includes study and practice of voice and dialect, organization and delivery of formal presentations and critical analysis of speech concepts and techniques. (Formerly Speech 131.)

SPEECH 230 Argumentation and Debate **Three credit hours**
A practical course in learning how to build and refute arguments in order to participate in various types of debates. Includes study of reasoning and classic canons of rhetoric: invention of topics, arrangement, style, and delivery. Also includes extensive research and case studies.

SPEECH 231 Voice and Diction **Three credit hours**
The course presents instruction and drills for the improvement of vocal characteristics, including diction, pitch, tempo and quality. Includes lectures on the vocal apparatus and the International Phonetic Alphabet. Also includes intensive individual instruction.

SPEECH 330 Speaking in the Professions **Three credit hours**
Practice in preparing and presenting various types of speeches expected of professional people and in planning and conducting public discussions. Practice in parliamentary procedure.

† General education requirement.

DRAMA AND FILM

DRAMA 232 Introduction to Theatre **Three credit hours**
A comprehensive survey of history and theory of the theatre from classical to modern times. Emphasis on performance.

DRAMA 330 African-American Film History **Three credit hours**
African-American Film History is a historical and critical study of the Black image in American films from the silent era to the present as well as the history of Black commercial and independent filmmaking, including its production, distribution, and popular and critical reception. Students study select works representative of the major genres and eras in African-American film history.

DRAMA 332 Film Criticism **Three credit hours**
Study of the film as an art form. Viewing and criticism of short and longer subjects. Emphasis on contemporary film. The course includes extensive practice in writing reviews and criticism.

DRAMA 333 Drama Workshop
Three credit hours

A practical course in the staging of plays. Attention given to acting, lighting, costuming, make-up, scene design, and other aspects of the art. Lecture and workshop. Open to all students interested in dramatics. May be repeated once for credit, but only three hours may be counted toward credit for the English major.

DRAMA 433 Modern Drama
Three credit hours

Extensive reading and study in representative works of modern European and American dramatists. Attention given to purpose, theme, and techniques. (Same as English 433.)

CURRICULUM FOR ENGLISH MAJORS

Freshman Year			
Fall Semester	Credit Hours	Spring Semester	Credit Hours
LS 130	3	CSC 131	3
RHC 191	3	RHC 192	3
MTH 131 (or higher)	3	MTH 132 (or higher)	3
SPA 131 or FRE 131	3	SPA 132 or FRE 132	3
LS 135	3	SPE 130	3
ORT 110	<u>1</u>	PED (Physical Activity)	<u>1</u>
	16		16
Sophomore Year			
LS 235	3	LS 237	3
ENG 230	3	HED 121	2
PED (010-119)	1	ART, MUS, PHI, or REL	3
FRE or SPA 231	3	FRE or SPA 232	3
Electives	<u>6</u>	ENG 234	<u>3</u>
	16		14
Junior Year			
ENG 333 or 335	3	ENG 334 or 336	3
ENG 330 or 430	3	ENG 339	3
ENG 493 or 491	3	ENG 337 or 391	3
Electives	<u>6</u>	Electives	<u>6</u>
	15		15
Senior Year			
ENG 431 or 435	3	ENG 436 or 437	3
ENG 433	3	ENG 490	3
ENG 439	3	ENG 494	3
Electives	<u>6</u>	Electives	<u>5</u>
	15		14
			Total 122 Hrs.

CURRICULUM FOR ENGLISH EDUCATION MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
LS 130	3	CSC 131	3
RHC 191	3	RHC 192	3
MTH 131 (or higher)	3	MTH 132 (or higher)	3
SPA 131 or FRE 131	3	SPA 132 or FRE 132	3
LS 135	3	SPE 130	3
ORT 110	1	EDU 220	<u>2</u>
PED (010-119)	<u>1</u>		17
	17		

Sophomore Year

LS 235	3	LS 237	3
ENG 230	3	HED 121	2
PED (010-119)	1	ART, MUS, PHI, or REL	3
FRE or SPA 231	3	FRE or SPA 232	3
PSY 131	3	ENG 234	3
ENG 335	<u>3</u>	ENG 336	<u>3</u>
	16		17

Junior Year

ENG 333	3	ENG 334	3
ENG 338	3	ENG 339	3
ENG 493 or 491	3	ENG 337 or 391	3
PSY 237	3	ENG 239	3
EDU 330	<u>3</u>	ENG 439	<u>3</u>
	15		15

Senior Year

EDU 311	1	EDU 492	<u>12</u>
PSY 296	3		12
ENG 490	3		
ENG 429	3		
EDU 395	3		
Elective	<u>3</u>		
	15		

Total 125 Hrs.

PHILOSOPHY AND RELIGION

PHILOSOPHY

Philosophy courses serve as electives in a wide variety of subjects for students in other disciplines who wish to broaden their intellectual perspectives. Philosophy courses that also serve as general education courses are indicated by a dagger (†) after the course number.

PHILOSOPHY 131† Introduction to Philosophy **Three credit hours**
A course introducing the student to the reading and doing of philosophy. Discussion of methods of philosophical inquiry and representative philosophical concepts. FALL and SPRING SEMESTERS.

PHILOSOPHY 233† Practical Logic **Three credit hours**
A survey of the basic problems of clear and straight thinking with emphasis on their application to the use of language. Prerequisite: Philosophy 131. FALL and SPRING SEMESTERS.

PHILOSOPHY 234 Ethics **Three credit hours**
A study of basic methods and selected systems of ethical thinking discussed in terms of their relevance to present-day moral issues facing both individuals and society. Prerequisite: Philosophy 131. FALL and SPRING SEMESTERS.

PHILOSOPHY 432 Seminar in Philosophy **Three credit hours**
Advanced research on selected philosophical topics. Prerequisite: permission of the instructor. SPRING SEMESTER.

RELIGION

Religion courses provide an opportunity for learning experiences in the following content areas: the Judeo-Christian tradition, including Biblical literature, church history, Afro-American perspectives; the African influence; and other major religious traditions in the contemporary world. Religion courses that also serve as general education courses are indicated by a dagger (†) after the course number.

RELIGION 130 The Judeo-Christian Heritage **Three credit hours**
The essential insights and ideas of the Old and New Testaments and their continuing values for man today. FALL and SPRING SEMESTERS.

RELIGION 131† Survey of the Great Living Religions **Three credit hours**
A study of the living religions of the world, including the religions of Africa, in the light of their historical development, beliefs, practices, and contemporary importance. FALL and SPRING SEMESTERS.

RELIGION 236 The History of Christianity in America **Three credit hours**
Major aspects of Christian thought and institutions in the United States, from colonial days to the present, with special reference to the development of the Afro-American churches. Alternate years. SPRING SEMESTER.

RELIGION 330 The Black Man: His Religious Institutions and Thought **Three credit hours**
A study of the Afro-American religious experience. Attention to its African antecedents, its development in dependence upon and independence of Euro-American Christianity, and the emerging critique of religion's relevance to culture. SPRING SEMESTER.

RELIGION 335 The Sociology of Religion **Three credit hours**
A functional analysis of the interrelationships involving society, culture, and religion. The role of the church and religion in the social order and social change. Alternate years. SPRING SEMESTER.

RELIGION 430 Seminar in Religion **Three credit hours**
Advanced research on selected topics in religion. SPRING SEMESTER.

DEPARTMENT OF FOREIGN LANGUAGES

The Department of Foreign Language is committed to providing an environment in which Johnson C. Smith University students may realize their individual potential as stated in the official purpose of the University. The department seeks to contribute to the student’s intellectual, spiritual, social, and emotional growth by developing the communication skills of understanding, speaking, reading, and writing a foreign language and by developing a knowledge and understanding of a foreign culture.

Minors are offered in French and in Spanish. In addition to the objectives previously stated, students who minor in French or Spanish develop the ability to compare and to contrast cultures objectively and to acquire a knowledge of the civilization and literature of the target language.

All students who have studied a foreign language in high school are required to take a placement examination in the language studied. According to their scores, students will be placed in 131, 132, 231, 232. Those students who place in 231, as a result of the placement examination, have satisfied the equivalent of 132. They may elect to continue in the study of a foreign language as electives or upon recommendation of their major departments.

FRENCH

A minor in French consists of twelve credit hours beyond French 232, a total of twenty-four credit hours or the equivalent.

FRENCH 131 Elementary French **Three credit hours**
An introductory course in the audio-lingual skills of listening, speaking, reading, and writing.

FRENCH 132 Elementary French **Three credit hours**
Further emphasis on the audio-lingual skills. Prerequisite: French 131.

FRENCH 231 Intermediate French **Three credit hours**
Continued stress on reading and writing skills. Newspaper and magazine articles to be used as supplementary materials. Prerequisite: French 132.

FRENCH 232 Intermediate French **Three credit hours**
Reading of selected literary works. Special study of grammatical structure. Prerequisite: French 231.

FRENCH 331 French Civilization **Three credit hours**
A series of minicourses conducted in French history, geography, art, music, architecture, film, theatre, French-African literature, French for business and international affairs, and conversation. Prerequisite: French 232 or permission of instructor.

FRENCH 332 French Civilization **Three credit hours**
A continuation of French 331. Prerequisite: French 331.

**FRENCH 333 Advanced Studies in French Conversation,
Grammar, and Composition** **Three credit hours**
Instruction in French. Prerequisite: French 232.

FRENCH 334 French Phonetics **Three credit hours**
An intensive study in phonetics. Practical application of phonetics to modern standard French. Extensive oral exercises.

SPANISH

A minor in Spanish consists of twelve credit hours beyond Spanish 232, a total of twenty-four credit hours or the equivalent.

SPANISH 131 Elementary Spanish **Three credit hours**

A course designed to develop the skills necessary for oral and written expression.

SPANISH 132 Elementary Spanish **Three credit hours**

Continued practice in the skills of oral and written expression. Prerequisite: Spanish 131.

SPANISH 231 Intermediate Spanish **Three credit hours**

Further practice in conversation and composition. Analysis of the basic grammatical principles. Prerequisite: Spanish 132.

SPANISH 232 Intermediate Spanish **Three credit hours**

Continued emphasis on spoken and written Spanish. Prerequisite: Spanish 231.

SPANISH 331 Advanced Spanish Grammar, Composition, and Conversation **Three credit hours**

For students who desire intensive oral and written work in Spanish. Prerequisite: Spanish 232.

SPANISH 332 Advanced Spanish Grammar, Composition, and Conversation **Three credit hours**

For students who desire intensive oral and written work in Spanish. Prerequisite: Spanish 331.

SPANISH 333 Survey of Spanish Literature **Three credit hours**

Lectures, reading, discussions, and reports conducted in Spanish. Prerequisite: Spanish or permission of instructor.

SPANISH 334 Survey of Spanish and Spanish-American Literature Since 1700 **Three credit hours**

Lectures, readings, discussions, and reports conducted in Spanish. Prerequisite: Spanish 332 or permission of instructor.

ARABIC

ARABIC 131 Elementary Arabic I **Three credit hours**

An introductory course designed to develop the skills necessary for oral and written expression in Arabic. Required laboratory practice.

ARABIC 132 Elementary Arabic II **Three credit hours**

Continuation of Arabic 131 with further practice in the skills necessary for oral and written expression in Arabic. Required laboratory practice. Prerequisite: Arabic 132.

ARABIC 231 Intermediate Arabic I **Three credit hours**

Continuation of Arabic 132 with further practice in the skills necessary for oral and written expression in Arabic. Required laboratory practice. Prerequisite: Arabic 132.

ARABIC 232 Intermediate Arabic II **Three credit hours**

Continuation of Arabic 231 with further practice in the skills necessary for oral and written expression in Arabic. Required laboratory practice. Prerequisite: Arabic 231.

CHINESE

CHINESE 131 Elementary Chinese I **Three credit hours**
An introductory course designed to develop the skills necessary for oral and written expression in Chinese. Required laboratory practice.

CHINESE 132 Elementary Chinese II **Three credit hours**
Continuation of Chinese 131 with further practice in the skills necessary for oral and written expression in Chinese. Required laboratory practice. Prerequisite: Chinese 131.

CHINESE 231 Intermediate Chinese I **Three credit hours**
Continuation of Chinese 132 with further practice in the skills necessary for oral and written expression in Chinese. Required laboratory practice. Prerequisite: Chinese 132.

CHINESE 232 Intermediate Chinese II **Three credit hours**
Continuation of Chinese 231 with further practice in the skills necessary for oral and written expression in Chinese. Required laboratory practice. Prerequisite: Chinese 231.

RUSSIAN

RUSSIAN 131 Elementary Russian I **Three credit hours**
An introductory course designed to develop the skills necessary for oral and written expression in Russian. Required laboratory practice.

RUSSIAN 132 Elementary Russian II **Three credit hours**
Continuation of Russian 131 with further practice in the skills necessary for oral and written expression in Russian. Required laboratory practice. Prerequisite: Russian 131.

Russian 231 Intermediate Russian I **Three credit hours**
Continuation of Russian 132 with further practice in the skills necessary for oral and written expression in Russian. Required laboratory practice. Prerequisite: Russian 132.

RUSSIAN 232 Intermediate Russian II **Three credit hours**
Continuation of Russian 231 with further practice in the skills necessary for oral and written expression in Russian. Required laboratory practice. Prerequisite: Russian 231.

JAPANESE

JAPANESE 131 Elementary Japanese I **Three credit hours**
An introductory course designed to develop the skills necessary for oral and written expression in Japanese. Required laboratory practice.

JAPANESE 132 Elementary Japanese II **Three credit hours**
Continuation of Japanese 131 with further practice in the skills necessary for oral and written expression in Japanese. Required laboratory practice. Prerequisite: Japanese 132.

JAPANESE 231 Intermediate Japanese I **Three credit hours**
Continuation of Japanese 132 with further practice in the skills necessary for oral and written expression in Japanese. Required laboratory practice. Prerequisite: Japanese 132.

JAPANESE 232 Intermediate Japanese II **Three credit hours**
 Continuation of Japanese 231 with further practice in the skills necessary for oral and written expression in Japanese. Required laboratory practice. Prerequisite: Japanese 231.

GERMAN

GERMAN 131 Elementary German I **Three credit hours**
 An introductory course designed to develop the skills necessary for oral and written expression in German. Required laboratory practice.

GERMAN 132 Elementary German II **Three credit hours**
 Continuation of German 131 with further practice in the skills necessary for oral and written expression in German. Required laboratory practice. Prerequisite: German 131.

German 231 Intermediate German I **Three credit hours**
 Continuation of German 132 with further practice in the skills necessary for oral and written expression in German. Required laboratory practice. Prerequisite: German 132.

GERMAN 232 Intermediate German II **Three credit hours**
 Continuation of German 231 with further practice in the skills necessary for oral and written expression in German. Required laboratory practice. Prerequisite: German 231.

LIBERAL ARTS (INTERDISCIPLINARY STUDIES)

The program leading to a baccalaureate degree in **LIBERAL ARTS** is an entity separate from the Liberal Studies (General Education) requirement. **THE LIBERAL ARTS MAJOR** is based on individually designed interdisciplinary programs. The program seeks to accomplish the following goals: first, to provide students with flexibility in experiencing a breadth of differing perspectives across disciplines; and second to prepare students to meet the challenges of the Twenty-first Century by fostering in them cognizance of and an appreciation and tolerance for the different peoples, cultures, and traditions of world civilization.

THE MAJOR IN LIBERAL ARTS is particularly appropriate for: students who want to pursue graduate studies with a strong interdisciplinary background; students who want a flexible education background in order to enter the job world; students who foresee life-long learning as a long term commitment; students who need an undergraduate BA for job related self-development goals; returning students; non-traditional students; students who have strong interests in dual areas of studies; students who, due to individualized goals, see value in pursuing two areas of training; students who seek post-graduate training in professional programs such as Mortuary Science, Cosmetology, Paralegal Services, Arts Business, and the like.

THE MAJOR IN LIBERAL ARTS is designed specifically to provide students with flexibility in pursuing an undergraduate education according to their individualized interests, needs, goals, and learning styles. As such, the Liberal Arts Major is not to be combined with the existing traditional majors. The academic integrity of all courses of study within the major is maintained through rigorous individualized advisement, coordinated by the Director(s) of **LIBERAL ARTS** and the appropriate Department Chairperson and/or Program Directors.

MAJOR REQUIREMENTS

- 1. Students are required to meet all university graduation requirements, including hours, grade point average, Liberal Studies or Honors College, Learning-Across-The-Curriculum Courses, and Community Service.
- 2. Students are required to meet with the Director of Liberal Arts regularly to maintain and assess progress. Failure to attend progress conferences may jeopardize a student’s status in the program.
- 3. Students are required to take part in occasional extracurricular activities and workshops designed to develop skills related to program objectives.
- 4. Students are required to produce a senior integrative paper of a minimum of 20 pages. This paper must be interdisciplinary either in problem, in method, or in primary resources.

PROGRAM HOURS

I.	Liberal Studies (core and complementary courses)	47
II.	Major in Liberal Arts	
	A. Required Core	
	1. ENG 233 or PUR 233	3
	2. LA 331 (Junior seminar: methods)	3
	3. LA 431 (Senior seminar: capstone and senior paper)	3
		<u>9</u>
	B. Dual Concentrations	
	Either	
	1. Concentration A 18 hours	
	2. Concentration B 18 hours	
	Or	
	1. Primary Concentration 21 hours	
	2. Secondary Concentration 15 hours	
		36
	C. Discipline-related electives	
	1. In the Humanities	3
	2. In the Social Sciences	3
	3. In the Natural Sciences	3
		<u>9</u>

(LA 216, LA 217 and LA 318 together and/or LA 499 can substitute for one or two of the discipline related electives and LA 499: Internship can substitute for one course in one of the concentrations.).

III. Free Electives

	21
TOTAL HOURS	122

POSSIBLE CONCENTRATIONS

African-American and African Studies	English	Spanish
Biology	French	Sociology
Business Studies	Health Education	Social Work
Chemistry	History	Studies in Fine Arts
Communication Arts	International Studies	Studies in Philosophy and Religion
Computer Science	Mathematics	Studies in Theatre Arts
Criminal Justice	Physical Education	Writing
Economics	Political Science	
	Psychology	

STAFF AND ADVISING

The Major in Liberal Arts is staffed by Co-Directors, who teach the junior and senior level seminars. They advise students and coordinate student programs of study with the appropriate departmental chairpersons and/or program directors. They also are primary advisers of all senior investigative papers produced by candidates of the Liberal Arts Major. At the time of acceptance into the Major, candidates will design a program of study with an expected graduation date. This schedule will account for all Liberal Studies, Major and Elective requirements, and will be arranged in terms of schedule projections for each semester. The Program of Study must be approved by the Co-Directors, with the advisement of appropriate Departmental Chairs and/or Program Directors, and by the Vice President of Academic Affairs. A copy is filed with the Registrar.

COURSES

- ENG 233 or PUR 233

Business Writing

(3 Hours)
- Techniques of writing and other organizational contexts, including, letters, reports, studies, and publicity materials. (Cross-listed)
- LA 216

Topics in Interdisciplinarity I

(1 hour)
- Students will be introduced to methods and models of interdisciplinary research by attending presentations by Seniors taking LA 431. They will develop standards for oral presentation by assessing the senior presentations, and will demonstrate the ability to comprehend the content of those presentations by sitting for periodic tests. Recommended for sophomores in the Fall Semester.

- LA 217 Topics in Interdisciplinarity II (1 hour)**
 Students will be introduced to methods and models of interdisciplinary research by attending presentations by Juniors taking LA 331. They will develop standards for oral presentation by assessing the senior presentations, and will demonstrate the ability to comprehend the content of those presentations by sitting for periodic tests. Recommended for sophomores in the Spring Semester.
- LA 318 Topics in Interdisciplinarity III (1 hour)**
 Students will be introduced to methods and models of interdisciplinary research by attending presentations by Seniors taking LA 431. They will refine standards for oral presentation by assessing the senior presentations, and will demonstrate the ability to comprehend the content of those presentations by sitting for periodic tests. Recommended for juniors in the Fall Semester.
- LA 331 Junior Seminar (Research Methods) (3 Hours)**
 Students will be introduced to models of interdisciplinary research. They will develop a research problem, search the literature, and produce an annotated bibliography, culminating in a formal research prospectus. Successful fulfillment of this course requires that the instructor certify by signature that the research prospectus meets established guidelines relating to the integrative thrust of the program. Required of all junior Liberal Arts majors.
- LA 431 Senior Seminar (The Senior Integrative Paper) (3 Hours)**
 This is a "capstone" course in which students are guided in discerning commonalities, as well as defining and historical differences, across disciplines and in integrating their different areas of focus. Students will write the Senior Investigative Paper and present it orally. Successful completion of the course requires that the instructor certify by signature that the senior investigative paper meets established guidelines relating to the integrative thrust of the program. The course requires regular individual meetings with the instructor (or designated paper adviser) in addition to scheduled class time. Required of all senior Liberal Arts majors. Prerequisite: Completion of LA 331 with a C or better. Students carrying an incomplete in LA 331 cannot register for this course.
- LA 496-497-498 Special Topics in Liberal Arts (3 hours per course)**
 Detailed investigation of special topics determined by the instructor which permits advanced work of an interdisciplinary nature in Liberal Arts. Enrollment by permission of instructor. (May be repeated for credit, and may fulfill one of the Discipline-related electives)
- LA 499 Independent Study: Internship (Maximum: 6 Hours)**
 A planned and structured project cooperatively determined by student and instructor. Student permitted to contract work in focuses of special interest. Enrollment: One, two or three hours according to the scope of the project to be completed. Students must work 40 hours for each credit hour earned for internship placements. May be repeated for credit for a different project. Multiple enrollments may not exceed six hours. Not appropriate for sophomore students. (May fulfill one of the Discipline-related electives.)

CURRICULUM FOR LIBERAL ARTS MAJORS
(With Concentration A and Concentration B)

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
RHC 191	3	RHC 192	3
LS 130	3	SPE 130	3
MTH	3	MTH	3
For. Lang 131	3	For Language 132	3
ORT 110	1	CSC 131	<u>3</u>
PED (010-119)	1		15
HED 121	<u>2</u>		
	16		

Sophomore Year

ENG 230	3	MUS, ART, PHI, or REL	3
LS 235	3	LA 217	1
LS 135	4	PUR 233	
LA 216	1	or ENG 233	3
Free Elective	<u>3</u>	Free Electives	<u>9</u>
	14		16

Junior Year

LA 235	3	Concentration A	3
LA 318	1	Concentration A	3
Concentration A	3	Concentration B	3
Concentration B	3	LA 331	3
Concentration B	3	Concentration A	<u>3</u>
PED (010-119)	<u>1</u>		15
	14		

Senior Year

Concentration A	3	Concentration A	3
Concentration B	3	Concentration B	3
Concentration B	3	Discipline-related	
Discipline-related		elective (HUM)	3
elective (NS)	3	Discipline-related	
LA 431	<u>3</u>	elective (SS)	<u>3</u>
	15		12

Total 122 Hrs.

DEPARTMENT OF MATHEMATICS AND PHYSICS

This Department of Mathematics and Physics supports the university's mission to provide an outstanding education to a diverse group of talented and highly motivated students from various ethnic, socio-economic, and geographical backgrounds. In this role, the department offers programs to provide basic skills in mathematics and physics for

the general student body, intermediate and advanced skills for students in other majors, and an in-depth program for majors in mathematics, mathematics education, and applied mathematics. The goals of the department are to:

- 1. prepare students for careers in industry, business, government and education.
- 2. prepare students for graduate school.
- 3. provide skills in mathematics and physics for everyday life.
- 4. help to develop a high level of appreciation for the role of mathematics in the modern world.

MATHEMATICS

Majors in mathematics take a set of core courses plus the courses in one of three concentrations. The core courses (required for all mathematics majors) are: Mathematics 241, 242, 333, 335, 336, 341, and Physics 243 and 244 and three hours of computer science. A minimum of 53 semester hours is required for the mathematics major. Additional courses for the major must be selected from one of the following concentrations:

Mathematics:	Mathematics 415, 416, 427, 428, 430 or 431, 434, and 439, plus electives.
Mathematics Education:	Mathematics 330, 337, 415, 416, 420, 426, 427, 428; Education 220, 296, 312, 330, and 395; Psychology 237 and 239, plus electives.
Applied Math:	Mathematics 430, 434, 435, 436, 437; Computer Science 231, 232, 432, 435, and Physics 331, plus electives.

A minimum grade of C must be earned in any course which counts toward the major.

Prospective mathematics majors who do not have a sound and workable background in algebra and trigonometry may be required to take Mathematics 137 and Mathematics 138 as prerequisite courses.

Each mathematics major is required to develop a Senior Investigative Paper. Formal development of the Senior Investigative Paper begins when the major has obtained senior standing, completed core 200 and 300 level courses in the major, and liberal studies courses in rhetoric and speech.

A minor in mathematics consists of at least eighteen credit hours of mathematics courses and must include Mathematics 241, 242, 333, and 336.

MATHEMATICS PLACEMENT

Students entering the University without college mathematics credit will normally enroll in Mathematics 131 unless advanced placement is granted. An advanced placement test is given each semester prior

to registration. The performance on this test may allow the student to enroll in Mathematics 137 or a higher course. Students planning to major in chemistry, biology, computer science, mathematics, or engineering should take the advanced placement test.

MATHEMATICS 131 College Algebra **Three credit hours**

This course is designed to provide an investigative approach to college algebra using the computer and graphing calculator as tools. The topics covered include basic concepts of algebra, functions and graphs, polynomials and rational functions, exponential and logarithmic functions, systems of equations and solving systems of equations using matrices, sequences and series. At least one hour per week of computer assisted laboratory instruction is required.

MATHEMATICS 132 Finite Math **Three credit hours**

Elements of finite mathematical systems for liberal arts and education students. Topics include real numbers, linear equations and straight lines, systems of linear equations and inequalities, matrix algebra, sets and counting, concepts of probability and statistics, mathematics of finance. The course relies heavily on computers and graphing calculator to develop intuition, make estimates, verify results, and check reasonableness of answers. Prerequisite: Mathematics 131.

MATHEMATICS 136 Introductory Statistics **Three credit hours**

Descriptive and inferential statistics. Frequency distributions, population and samples, measures of central tendencies and variation. Probability, normal, t, and chi distributions. Hypothesis testing, estimations and confidence intervals. Linear regression. Prerequisite: Mathematics 131 or by placement.

MATHEMATICS 137 Precalculus I **Three credit hours**

Properties of real numbers, algebraic expressions, factoring, polynomials and rational fractions. Exponents and radicals, linear and quadratic equations, inequalities, progressions. The binomial theorem, polynomials and partial fractions. Matrices, determinant, and linear systems of equations. Exponential, and inverse functions. Prerequisite: Mathematics 131 or by placement or consent of department.

MATHEMATICS 138 Precalculus II **Three credit hours**

Exponential and logarithmic functions. Inverse relations and functions. Trigonometric functions and identities. Translation and rotation of axis. Conic sections. Complex numbers. Polynomials, combinatorics and mathematical induction. Prerequisite: Mathematics 137 or by placement.

MATHEMATICS 235 Introductory Calculus I **Three credit hours**

Functions and graphs, concepts of limit and continuity. Derivative of polynomials and algebraic functions. Maxima and minima, and rate of change. Antidifferentiation. Derivative of exponential and logarithmic function. The definite integral and techniques of integration. Applications of calculus in the social and behavioral sciences. Prerequisite: Mathematics 137 or by placement.

MATHEMATICS 236 Introductory Calculus II **Three credit hours**

Functions of two real variables. Partial derivatives maxima, minima and saddle points. Multiple integration. Infinite sequences and series. Discrete functions, difference equations, relations, graphs and trees. Counting techniques and discrete probability. Prerequisite: Mathematics 225.

MATHEMATICS 241-242 Calculus I and II **Four credit hours**

Plane analytic geometry, differentiation, and integration and applications. Prerequisite: Mathematics 138 or by placement.

- MATHEMATICS 330 Modern Geometry** **Three credit hours**
 Logical structure and use of Euclidean geometry. The relationship of Euclidean geometry to other geometries. Prerequisite: Mathematics 241 or consent of department.
- MATHEMATICS 333-334 Probability and Statistics** **Three credit hours**
 Elements of probability theory, mathematical statistics and applications. Prerequisite: Mathematics 242 for Part I and Mathematics 341 for part II.
- MATHEMATICS 335 Introductory Abstract Algebra** **Three credit hours**
 Elementary set theory and logic. Mappings, groups, rings, integral domains, fields, and polynomials. Prerequisite: Mathematics 241 or consent of department.
- MATHEMATICS 336 Introductory Linear Algebra** **Three credit hours**
 Systems of linear equations, vector spaces, linear transformations, theory and applications of matrices and determinants. Co-requisite: Mathematics 241 or consent of department.
- MATHEMATICS 337 Mathematics for Elementary School Teachers I** **Three credit hours**
 This course fully supports the state and national standards for elementary teachers in that it follows a curriculum that covers essential mathematical concepts in preparing elementary school teachers such as: sets, properties of whole numbers, fractions and integers (including arithmetic algorithms). It also covers the metric system, geometric shapes and measurements. Prerequisite: MTH 132
- MATHEMATICS 338 Mathematics for Elementary School Teachers II** **Three credit hours**
 This course fully supports the state and national standards for elementary teachers in that it follows a curriculum that covers methods/strategies of teaching essential mathematical concepts to elementary school teachers. In addition, the course acquaints students with pedagogical issues in teaching mathematics and enhances their ability to make decisions in an elementary school environment. Prerequisite: MTH 337
- MATHEMATICS 339 Advanced Linear Algebra** **Three credit hours**
 Eigenvalues, eigenvectors, diagonalization, symmetric matrices, linear transformations, kernel and range, inverse linear transformations, similarity, applications in: differential equations, geometry, least squares fitting to data, approximation problems, Fourier series, and quadratic forms; LU-decomposition, approximating eigenvalues, complex numbers, modules, complex conjugates, complex vector spaces, unitary, normal and Hermitian matrices. Prerequisite: Mathematics 336.
- MATHEMATICS 341 Calculus III** **Four credit hours**
 Three-dimensional analytic geometry, vector analysis, parametric equations, partial differentiation, multiple integration, and line integrals. Infinite sequences and series and power series. Prerequisite: Mathematics 242.
- MATHEMATICS 415, 416 Independent Study in Mathematics** **One credit hour each**
 In-depth study of areas of Mathematics consistent with student interest and career objectives. Written reports will be required. Prerequisite: Advanced standings and consent of department.

MATHEMATICS 420 Materials and Methods in High School Mathematics**Two credit hours**

Modern methods and materials for teaching mathematics to high school students period. Prerequisite: Mathematics 242, and 335 or 336.

MATHEMATICS 426 Topics in Number Theory**Two credit hours**

Prime numbers and prime factorization, congruences and applications. Divisibility, theorems on integers, and diophantine equations. Prerequisite: Mathematics 335.

MATHEMATICS 427-428 Foundations of Mathematics I & II**Two credit hours each**

History of mathematics up to 1600 through creative problem solving. Set theory in the development of modern analysis algebra and geometry, proofs, techniques and methods. Pioneers of mathematics beginning with Descartes. Prerequisite: Mathematics 242.

MATHEMATICS 430 Topics in Analysis**Three credit hours**

Euclidean spaces and metrics, concepts of compactness and connectedness. Continuous functions, uniform continuity, infinite sequences and series. Uniform convergence. Prerequisite: Mathematics 341 and 335.

MATHEMATICS 431-432 Advanced Calculus**Three credit hours each**

Functions of several variables, partial differentiation, vector analysis, multiple integration, power series. Applications in the physical sciences. Prerequisite: Mathematics 341.

MATHEMATICS 434 Differential Equations I**Three credit hours**

Elementary techniques of solving ordinary differential equations. Applications in the biological and physical sciences. Prerequisite: 341.

MATHEMATICS 435 Transforms:**Three credit hours**

Introduction to periodic functions - Fourier series. Complex form of Fourier series and Fourier Transform. Applications: Laplace Transforms for functions, derivatives and integrals. Differential and hybrid differential-integral equations using Laplace transforms. Applications from electrical circuit theory. Prerequisite: Mathematics 434.

MATHEMATICS 436 Differential Equations II:**Three credit hours**

An introduction to partial differential equations. Different types of partial differential equations, methods of solving partial differential equations. Solutions of Laplace's equation, wave equation, and heat transfer equation. Numerical methods in solving partial differential equations with given boundary conditions. Applications from engineering and applied physics areas. (includes scientific computer lab experience) Prerequisite or corequisite: Mathematics 435.

MATHEMATICS 437 Complex variables**Three credit hours**

Complex numbers, complex functions and roots in the complex plane, transformation and linear mapping, limits and continuity, analytic and harmonic functions, Cauchy-Riemann equations, branches of functions, exponential and trigonometric functions, complex integrals, Taylor and Lauren series, singularities, zeros and poles, residues, definite integrals. Prerequisite: Mathematics 341.

MATHEMATICS 438 Biostatistics**Three credit hours**

Statistical analysis from a biological point of view. Topics include probability distributions, confidence intervals, estimation of population parameters, test of significance, analysis of a variance, correlation and regression. Prerequisite: Mathematics 235 or 241.

MATHEMATICS 439 Topics in Algebra**Three credit hours**

Topics on semi-groups and groups, rings, integral domains and finite fields. Modules over rings; vector spaces over fields. Prerequisite: Mathematics 335.

MATHEMATICS 490 Internship in Mathematics**Three credit hours**

A supervised internship in a professional environment which exposes the student to how mathematics is applied to solving real world problems, as well as enabling students to interact with mathematicians in a setting other than the classroom. The student will be required to formally present a detailed description of his/her experiences. A minimum of 120 hours of work is required. The course may be repeated for credit. Prerequisite: Departmental approval

MATHEMATICS 491 Practicum**Three credit hours**

An opportunity for students, under supervision, to obtain work experience in applied mathematics. Prerequisites: Mathematics 333 and three credit hours of computer science.

SUGGESTED CURRICULUM GUIDE
MATHEMATICS

Freshman Year

Fall Semester		Spring Semester	
LS 130	3	LS 135	3
RHC 191	3	RHC 192	3
MTH 137	3	MTH 138	3
For. Lang.	3	For. Lang.	3
HED 121	2	SPE 130	3
PED	1	PED	<u>1</u>
ORT 110	<u>1</u>		16
	16		

Sophomore Year

Fall Semester		Spring Semester	
LS 235	3	ART, MUS	3
MTH 241	4	MTH 242	4
CSC 231	3	CSC 232	3
ENG 230	3	MTH 336	3
MTH 335	<u>3</u>	LS 237	<u>3</u>
	16		16

Junior Year

Fall Semester		Spring Semester	
PHY 243	4	PHY 244	4
MTH 439	3	MTH 430	3
MTH 341	4	MTH 434	3
Electives	<u>6</u>	Electives	<u>6</u>
	17		16

Senior Year

Fall Semester		Spring Semester	
MTH 415	1	MTH 416	1
MTH 427	2	MTH 428	2
MTH 333	3	Elective (Restricted)	3
Electives (Restricted)	3	Electives (Restricted)	3
Electives	<u>6</u>	Electives	<u>3</u>
	15		12

Total Hrs. 124

SUGGESTED CURRICULUM GUIDE
MATHEMATICS EDUCATION

Freshman Year

Fall Semester		Spring Semester	
LS 130	3	PSY 131	3
RHC 191	3	RHC 192	3
MTH 137	3	MTH 138	3
For. Lang.	3	For. Lang.	3
HED 121	2	SPE 130	3
PED	1	LS 135	<u>3</u>
ORT 110	<u>1</u>		18
	16		

Sophomore Year

Fall Semester		Spring Semester	
LS 235	3	LS 237	3
MTH 241	4	MTH 242	4
PSY 237	3	PSY 239	3
ENG 230	3	MTH 336	3
MTH 335	3	CSC	3
EDU 220	<u>2</u>	MTH 426	<u>2</u>
	18		18

Junior Year

Fall Semester		Spring Semester	
ART, MUS	3	PHY 244	4
PHY 243	4	MTH 428	2
MTH 427	2	MTH 330	3
MTH 341	4	EDU 330	3
EDU 395	3	EDU 296	<u>3</u>
EDU 312	1		15
MTH 415	<u>1</u>		
	18		

Senior Year

Fall Semester		Spring Semester	
MTH 420	2	EDU 492	<u>12</u>
MTH 333	3		12
MTH 416	1		
Electives (Restricted)	3		
Electives	6		
PED (010-119)	<u>1</u>		
	16		

Total Hrs. 131

SUGGESTED CURRICULUM GUIDE
APPLIED MATHEMATICS

Freshman Year

Fall Semester		Spring Semester	
ORT 110	1	RHC 192	3
RHC 191	3	LS 135	3
LS 130	3	MTH 138	3
MTH 137	3	For. Lang.	3
For. Lang.	3	SPE 130	3
HED 121	2	PED (Activity)	<u>1</u>
PED (Activity)	<u>1</u>		16
	16		

Fall Semester		Spring Semester	
LS 235	3	ENG 230	3
MTH 241	4	MTH 242	4
CSC 231	3	CSC 232	3
ART/MUS	3	MTH 336	3
MTH 335	<u>3</u>	LS 237	<u>3</u>
	16		16

Junior Year

Fall Semester		Spring Semester	
MTH 333	3	Electives	3
MTH 341	4	CSC 432	3
PHY 243	4	MTH 434	3
Electives (Restricted)	<u>6</u>	PHY 244	4
	17	Electives (Restricted)	<u>3</u>
			16

Senior Year

Fall Semester		Spring Semester	
MTH 435	3	MTH 436	3
MTH 437	3	MTH 339	3
CSC 435	3	MTH 416	1
PHY 331	3	MTH 430	3
MTH 415	1	Electives (Restricted)	3
Electives (Free)	<u>3</u>	Electives (Free)	<u>3</u>
	16		16
Total Hrs. 129			

PHYSICS

The courses in physics are designed to train those who plan to pursue engineering, Math, Computer Science, Chemistry or a health profession. Additionally, these courses are designed to provide a general knowledge in the modern fields of descriptive and quantitative experimental physics.

- PHYSICS 241 General Physics** **Four credit hours**
 Fundamental principles of physics in relation to classical mechanics, thermodynamics, vibrations and wave motions. Prerequisite: Mathematics 137. Three lectures and four hours of laboratory a week.
- PHYSICS 242 General Physics** **Four credit hours**
 A continuation of physics 241. Fundamental principles of physics in relation to electricity, magnetism, light, optics and modern physics. Prerequisite: Physics 241. Three lectures and four hours of laboratory a week.
- PHYSICS 243 Mechanics** **Four credit hours**
 A study of vectors; statics, and dynamics of particles; momentum, work, and energy; conservation law; mechanics of rigid bodies. Prerequisite: Mathematics 241. Three lectures and four hours of laboratory a week.
- PHYSICS 244 Electricity and Magnetism** **Four credit hours**
 A study of the fundamentals of electricity and magnetism as a foundation for understanding electronics and electrical circuits, and further scientific study, using vector analysis throughout, and calculus where required. It covers the laws of Coulomb, Gauss, Kirchhoff, Ohm, Ampere, Faraday, Lenz, and Maxwell. It includes a treatment of simple DC and AC circuits and an introduction to electromagnetic waves. Prerequisite: A grade of C or higher in Physics 243. Three lecture hours and four laboratory hours per week.
- PHYSICS 330 Laboratory Electronics** **Three credit hours**
 An introduction to basic principles of electronics, operation of electronic measuring devices, and construction of devices for electrical and electronic measurements. Prerequisite: Consent of department. One hour lecture and three hours of laboratory a week.
- PHYSICS 331 Introduction to Modern Physics I** **Three credit hours**
 A study of waves in elastic media; sound; light; reflection, refraction, interference and diffraction; lenses and mirrors; quantum physics; nuclear reactions; atomic structure and the wave nature of matter. Prerequisite: Physics 244. Lecture three hours a week.
- PHYSICS 332 Introduction to Modern Physics II** **Three credit hours**
 Radioactivity, disintegration of nuclei, fission and fusion, nuclear processes, fundamental particles and accelerators. Prerequisite: Physics 331. Lecture three hours a week.
- PHYSICS 344 Waves and Optics** **Four credit hours**
 A study of waves, acoustics and optics. Prerequisite: Physics 243. Three lectures and four hours of laboratory a week.
- PHYSICS 345 Biophysics** **Four credit hours**
 Sound and the ear, light and the eye, microscopy, the physics of muscular contraction, electrocardiography and radiation physics. Biophysical techniques utilizing wave phenomena, nuclear phenomena, and mechanical and electrical phenomena. Prerequisite: Physics 241-242 and Biology 143. Three lectures and four hours of laboratory a week.
- PHYSICS 412 Physics Seminar** **One credit hour**
 Prerequisite: Consent of the department.
- PHYSICS 431 Advanced Mechanics** **Three credit hours**
 Kinematics, moving coordinate systems, motion of rigid body, central force problem, oscillations and coupled oscillators, Lagrange's and Hamilton's equations, generalized coordinates. Prerequisites: Physics 243 and Mathematics 341. Lecture three hours a week.
- PHYSICS 432 Advanced Electrodynamics** **Three credit hours**
 Electromagnetic field theory, Maxwell's equation, electromagnetic radiations and relativistic effects. Prerequisites: Physics 244 and Mathematics 341. Lecture three hours a week.

THE DEPARTMENT OF MUSIC AND FINE ARTS

NOTE: The Music Education major was suspended May, 1996. Current descriptions for Music Education apply only to students who have met all major entrance requirements prior to the program's suspension.

The Department of Music and Fine Arts provides course work that leads to a Bachelor of Arts degree in either Music Business or in Sacred Music. These are comprehensive programs, and it is strongly recommended that students who plan to major in Music begin their course of study in the freshman year. The department also offers course work for student who wish to minor in music. Finally, the department houses courses in the fine arts and theatre.

The Bachelor of Arts in Music Education is currently suspended.

GOALS OF THE JCSU MUSIC PROGRAM

The music programs at Johnson C. Smith University aim (1) to provide instruction and experiences for music students so that they may develop as creators, performers, teachers, and music managers and producers; (2) to encourage music students to pursue their studies beyond the undergraduate level; (3) to provide instruction in music for both music majors and minors as well as non-music majors; and, (4) to provide enrichment in music for the JCSU community and surrounding communities.

ENTRANCE REQUIREMENTS FOR ALL MUSIC MAJORS AND MINORS

All prospective music majors and minors must audition before the music faculty. The audition *must* be arranged before students arrive on campus for registration. Auditions may be scheduled during New Student Week. Students who live great distances from the campus may submit audio or video tapes. Students desiring additional information regarding the evaluation criteria for their instrument should contact the head of the Music and Fine Arts Department. Students should also note that auditions for acceptance into one of the two music majors or the music minor is distinct from any auditions required for ensembles.

Students who are deficient in music theory and/or performance will not be accepted and will not be permitted to pursue courses toward the degree in music until they demonstrate entry-level proficiency.

MUSIC MAJOR DEGREE PROGRAMS

The Bachelor of Arts degree, with a major in Music Business or Sacred Music, presents the student with a comprehensive music program in theory and practice, applied music, and music history and literature. All music majors elect voice or another instrument for a performance concentration, and applied music courses provide training in voice

or the instrument of choice with particular emphasis on technique, repertoire, and sources of materials. In addition, students elect a concentration in either Business or Sacred Music to prepare for careers and/or further graduate or professional study in musicology, performance, music business, or divinity.

The goal of the Bachelor of Arts degree in music is to prepare students for careers in music, the music industry, music-related fields of business, or sacred music. Students majoring in music may seek careers in performance, music production and engineering, music synthesis, as well as a host of careers with record companies, such as consumer researcher, director of publicity, marketing representative, public relations counselor, and regional sales manager, or careers with other music-related businesses, such as advertising, booking agent, business manager, field merchandiser, music publisher, personal manager, professional manager, tour coordinator, and road manager. Their background in music and business also prepares students for careers with various professional and community arts groups and organizations. The music major at Johnson C. Smith offers a unique opportunity as well for students who wish to pursue careers in sacred music by offering preparation for positions as church music directors, organists, and accompanists.

All music majors are required to complete a senior-year internship successfully. The internship is based on the cooperative education principle, combining classroom learning with periodic intervals of planned and supervised practical experience away from the campus. In particular, this course provides field-experience in the music industry or in the world of religious music.

Applied Music

Applied music refers to individual lessons of study of a musical instrument or voice. All music majors elect a major instrument and will be required to take a minimum required number of credit hours of individual lessons in that instrument based on their program of study in Music Business or Sacred Music. Additional hours in applied music are required of all majors who choose to concentrate in Sacred Music. All students will be auditioned in their major instrument and be given advice relative to their registration and choice of program study.

Piano Proficiency

Students whose major instrument is not piano are required to take at least 4 hours of piano and to pass a piano proficiency exam at the end of the sophomore year. Students who do not pass the proficiency exam will be required to take an additional hour of piano to satisfy the proficiency requirement. Students with 5 hours of piano will be deemed to have satisfied the piano proficiency requirement. Four hours of piano apply toward completion of the Applied Music requirement.

Applied Music Fees

Individual lessons in applied music: \$30 per credit hour per semester.
Practice fees for all instruments: \$10 per semester.

Ensembles

All music majors are required to participate in at least one of the following ensembles each semester, with or without academic credit, with the exception of the internship semester.

The University Choir

The University Choir is composed of students selected from all departments of the University and has been enthusiastically received in outstanding performances in many sections of the country. The choir studies and performs, with the highest standards possible, the best choral literature selected from the various periods and styles. The study and performance of this literature emphasizes (1) the principles of vocal production, i.e., breathing, posture, diction, tone quality, balance, blending, and (2) interpretation, i.e., tempo and rhythm, phrasing, dynamics and climax, attack and unanimity, pitch or intonation, and spirit or emotion. Members are accepted on the basis of a simple audition and may register for credit or participate without credit.

The University Swing Choir

The University Swing Choir is composed of a selected group of students from the Johnson C. Smith University Choir. These students have exhibited extraordinary talents in music and showmanship. The group studies and performs Broadway, jazz, popular, folk, ballads and other musical genre.

The University Marching Band

The University Marching Band is composed of students selected from all departments of the University. The Marching Band studies and performs, with the highest standards possible, and the best marching band literature. The band performs at all home football games, and on occasion, at games played away from the campus. Occasionally, the band participates in parades and other functions held within the Charlotte area. Members are accepted on the basis of auditions which are held at the beginning of each fall semester. Members registering for MUS 210 receive one credit hour for each semester in which they participate.

The University Symphonic Band

The University Concert Band is composed of students selected from all departments of the University. The Concert Band performs on the campus and at schools and other functions held within the Charlotte area. The band studies and performs the best concert band literature

with the highest possible standards. The band serves as a laboratory for instrumental conducting students. Members are accepted on the basis of auditions, which are held at the beginning of the spring semester. Members registering for MUS 211 receive one credit hour for each semester in which they participate.

The University Jazz Ensemble

The University Jazz Band is composed of members of the Concert Band. The Jazz Band strives to develop the talents of members in the area of jazz and big band music style. The band performs on the campus and throughout the Charlotte area. Auditions for membership in the Jazz Band are open to members of the Concert Band.

The University String Ensemble

The University String Ensemble is open to all students of the University. Ensemble members study and perform string literature of the various periods and styles. The ensemble meets once a week and presents one performance each semester.

All ensembles serve as laboratories for conducting, and, where applicable, accompanying. All applied music classes serve as laboratories for accompanying.

Degree Requirements for Music Business

The Bachelor of Arts in Music Business consists of a total of 122 credit hours, with the following requirements:

MUSIC THEORY

Music 143	Theory I	4 credit hours
Music 144	Theory II	4 credit hours

MUSIC HISTORY AND LITERATURE

Music 337	Music History and Literature	3 credit hours
Music 338	Music History and Literature	3 credit hours

APPLIED MUSIC (8 hours total program requirement)

4 credit hours required in Voice or Instrument

4 credit hours required in piano for Piano Proficiency

ENSEMBLES

7 credit hours required.

SENIOR PAPER

MUS 429 (Taken fall and spring—total 4 hrs. cr.)

MUSIC INTERNSHIP

MUS 439	Music Internship	3 credit hours
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MUSIC BUSINESS CONCENTRATION REQUIREMENTS

MUS 331	Introduction to Music Business	3 cr. hrs.
MUS 332	Survey of Electronic Music	3 cr. hrs.
ACC 235	Principles of Accounting (I)	3 cr. hrs.
BUS 233	Business Statistics	3 cr. hrs.
ECO 231	Principles of Economics	3 cr. hrs.
BUS 330	Business Finance	3 cr. hrs.
BUS 335	Legal Environ. of Business/Ethics	3 cr. hrs.
MGT 333	Principles of Management	3 cr. hrs.
MKT 331	Principles of Marketing	3 cr. hrs.
TEL 332	Audio Production/Programming II	3 cr. hrs.

Degree Requirements for Sacred Music

The Bachelor of Arts in Sacred Music consists of a total of 126 credit hours, with the following requirements:

MUSIC THEORY

Music 143	Theory I	4 credit hours
Music 144	Theory II	4 credit hours
Music 243	Theory III	4 credit hours
Music 244	Theory IV	4 credit hours

MUSIC HISTORY AND LITERATURE

Music 337	Music History and Literature	3 credit hours
Music 338	Music History and Literature	3 credit hours

APPLIED MUSIC (12 hours total program requirement)

8 credit hours required in Voice or Instrument

4 credit hours required in piano for Piano Proficiency

ENSEMBLES

7 credit hours required.

SENIOR PAPER

MUS 429 (Taken fall and spring—total 4 hrs. cr.)

MUSIC INTERNSHIP

MUS 439	Music Internship	3 credit hours
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SACRED MUSIC CONCENTRATION

MUS 333	Sacred Music Literature	3 credit hours
MUS 322	Conducting	2 credit hours
MUS 433*	Choral Methods	3 credit hours
or		
MUS 434	Instrumental Methods	3 credit hours
MUS 334	Hymnology	3 credit hours
MUS 325	Introduction to Music Ministry	2 credit hours

MGT 333	Principles of Management	3 credit hours
MUS 332	Survey of Electronic Music	3 credit hours

* *Students elect either Choral or Instrumental Methods.*

Plus each student in Sacred Music is required to take 3 credit hours in voice, piano, or organ outside his or her major instrument as indicated below.

Major Instrument	Applied Music	3 credit hours
Voice	Organ	3 credit hours
Piano	Voice or Organ	3 credit hours
Other Instrument	Voice or Organ	3 credit hours

RELATED REQUIREMENTS for ALL MUSIC MAJORS

All music majors are required to:

- 1. attend music recitals and concerts on campus, including all student and faculty recitals, each semester;
- 2. perform in at least one student recital each year;
- 3. perform a jury demonstration each semester (required for applied music students);
- 4. participate in ensembles, with or without academic credit, during each semester of enrollment, with the exception of the internship semester;
- 5. complete successfully the piano proficiency requirement;
- 6. earn a minimum grade of C in all courses which count toward the major;
- 7. complete successfully the Senior Investigative Paper requirement.
- 8. become members of the Student Chapter 341 of the Music Education National Conference [required for Music Education Majors only]

THE MUSIC MINOR

A minor in music consists of twenty credit hours, including nine credit hours of theory, six credit hours of music history and literature, and five credit hours of approved electives.

SUGGESTED CURRICULUM
FOR MUSIC BUSINESS MAJORS

First Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
ORT 110	1	SPE 130	3
RHC 191	3	RHC 192	3
LS 130	3	CSC 131	3
MUS 143	4	MUS 144	4
MUS Ensemble	1	MUS Ensemble	1
MUS Major Instrument	1	MUS Major Instrument	1
MUS Piano	1	MUS Piano	<u>1</u>
LS 135	<u>3</u>		16
	17		

Second Year

MTH 131	3	MTH 132	3
LS 235	3	LS 237	3
FRE 131 or SPA 131	3	FRE 132 or SPA 132	3
MUS Ensemble	1	MUS Ensemble	1
MUS Major Instrument	1	MUS Major Instrument	1
MUS Piano	1	MUS Piano	1
PED (010-119)	1	ART, PHI, REL, MUS	3
HED 120	<u>2</u>	PED (010-119)	<u>1</u>
	15		16

Third Year

ENG 230	3	ECO 231	3
MUS 337	3	MUS 338	3
MUS Ensemble	1	MUS Ensemble	1
MUS 331	3	MUS 332	3
Accounting 235	3	BUS 233	3
MGT 333	<u>3</u>	BUS 335	<u>3</u>
	16		16

Fourth Year

BUS 330	3	MUS 439	3
MUS 429	2	MUS 429	2
MKT 331	3	Elective	3
TEL 332	3	Elective	3
MUS Ensemble	1	Elective	<u>3</u>
Elective	<u>3</u>		14
	15		

Total Hrs. 125

SUGGESTED CURRICULUM
FOR SACRED MUSIC MAJORS

First Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
ORT 110	1	SPE 130	3
RHC 191	3	RHC 192	3
LS 130	3	CSC 131	3
MUS 142	4	MUS 143	4
MUS Ensemble	1	MUS Ensemble	1
MUS Major Instrument	1	MUS Major Instrument	1
MUS Piano	1	MUS Piano	<u>1</u>
LS 135	<u>3</u>		16
	17		

Second Year

LS 235	3	LS 237	3
MTH 131	3	MTH 132	3
FRE 131 or SPA 131	3	FRE 132 or SPA 132	3
MUS 243	4	MUS 244	4
MUS Ensemble	1	MUS Ensemble	1
MUS Major Instrument	1	MUS Major Instrument	1
MUS Piano	1	MUS Piano	<u>1</u>
HED 121	<u>2</u>		16
	18		

Third Year

ENG 230	3	ART, PHI, REL, MUS	3
PE (010-119)	1	PE (010-119)	1
MUS 337	3	MUS 338	3
MUS Major Instrument	1	MUS Major Instrument	1
MUS Ensemble	1	MUS Ensemble	1
MUS 333	3	MUS 334	3
MUS 332	<u>3</u>	Voice, Piano, Organ	1
	15	MUS 325	<u>3</u>
			16

Fourth Year

MUS 429	2	MUS 429	2
MUS 322	2	MUS 439	3
MGT 333	3	Major Instrument	1
Major Instrument	1	Voice, Piano, Organ	1
MUS Ensemble	1	Elective	3
MUS 433	3	Elective	3
Voice, Piano, Organ	1	Elective	<u>3</u>
Elective	<u>3</u>		16
	16		

Total Hrs. 130

THE MUSIC EDUCATION MAJOR

NOTE: The Music Education major was suspended May, 1996. Current descriptions for Music Education apply only to students who have met all major entrance requirements prior to the program's suspension.

The Bachelor of Arts degree with a major in music education is designed for students who wish to be certified in public school music. The music education program prepares the student for the North Carolina A Certificate for elementary and secondary school teaching. All music education majors are required to qualify for the North Carolina A Certificate and they must complete the professional and certification courses as outlined by the Department of Education, including Education 492, Student Teaching in the Secondary School. The student must pass the National Teachers Examination in order to be certified as a public school music teacher.

The student may select from two areas of preparation in music education, the Instrumental Program and the General Program. The student will demonstrate his competencies by completing forty-eight to fifty-three semester hours of study in music and music education.

The completion of the music education major will require either a heavier than average load during the student's four years, one or two summer sessions, an additional semester, or a fifth year. A senior recital is required of all Music Education majors before graduating.

Goals of the Music Education Program

- 1. To prepare music majors to teach traditional music courses and to direct choral and instrumental ensembles in public elementary and secondary schools.
- 2. To encourage music majors to obtain graduate degrees in music, as part of a continuing lifetime learning process.

CURRICULUM FOR MUSIC EDUCATION MAJORS
(INSTRUMENTAL)

Freshman Year			
Fall Semester	Credit Hours	Spring Semester	Credit Hours
ORT 111	1	ORT 112	1
RHC 191	3	RHC 192	3
MTH 131	3	MTH 132	3
LS 130	3	CSC 131	3
FRE 131 or SPA 131	3	FRE 132 or SPA 132	3
MUS 133	3	MUS 134	3
Major Instrument or MUS 113	1	Major instrument or MUS 114	1
MUS 210	1	MUS 211 or MUS 212	1
	18		18

Summer School

SPE 130	3
PSY 131	<u>3</u>
	6

Sophomore Year

ENG 230	3	HED 121	2
LS 233	3	EDU 220	2
ART 231	3	PE (010-119)	1
MUS 233	3	MUS 234	3
LS 241	4	LS 234	3
MUS 213	1	MUS 214	1
Major Instrument	1	Major Instrument	1
MUS 210	<u>1</u>	MUS 211 or MUS 212	1
	19	LS 242	<u>4</u>
			'18

Summer School

LS 331	3
PSY 239	<u>3</u>
	6

Junior Year

PSY 237	3	LS 332	3
EDU 312	1	EDU 296	3
EDU 395	3	Major Instrument	1
Major Instrument	1	MUS 338	3
MUS 427	2	MUS 211 or MUS 212	1
MUS 610	1	MUS 322	2
MUS 337	3	MUS 323	2
MUS 210	1	MUS 314	<u>1</u>
PE (010-119)	1		16
MUS 313	1		
MUS 710	<u>1</u>		
	18		

Senior Year

MUS 810	1	EDU 492	<u>12</u>
MUS 432	3		12
Major Instrument	1		
MUS 210	1		
*LS 421	2		
MUS 434	3		
MUS 429	2		
EDU 330	3		
MUS 400	0		
MUS 413	<u>1</u>		
	17		

Total 148 Hrs.

CURRICULUM FOR MUSIC EDUCATION MAJORS
(PIANO/VOICE)

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
ORT 111	1	ORT 112	1
RHC 191	3	RHC 192	3
MTH 131	3	MTH 132	3
LS 130	3	CSC 131	3
FRE 131 or SPA 131	3	FRE 132 or SPA 132	3
MUS 133	3	MUS 134	3
MUS 113 or 115	1	MUS 114 or 116	1
MUS 111	<u>1</u>	MUS 112	<u>1</u>
	18		18
Summer School			
SPE 130	3		
PSY 131	<u>3</u>		
	6		

Sophomore Year

ENG 230	3	HED 121	2
LS 233	3	EDU 220	2
ART 231	3	LS 234	3
MUS 233	3	MUS 234	3
LS 241	4	LS 242	4
MUS 213	1	MUS 214	1
(Major Instrument)	1	(Major Instrument)	1
MUS 111	<u>1</u>	MUS 112	1
	19	PE (010-119)	<u>1</u>
			18
Summer School			
LS 331	3		

Junior Year

PSY 237	3	LS 332	3
EDU 312	1	EDU 296	3
EDU 395	3	EDU 239	3
Major Instrument	1	Major Instrument	1
MUS 427	2	MUS 322	2
MUS 610	1	MUS 338	3
MUS 337	3	MUS 112	1
MUS 111	1	MUS 710	1
PE (010-119)	1	MUS 314	<u>1</u>
MUS 313	<u>1</u>		18
	17		

Senior Year

Major Instrument	1	EDU 492	<u>12</u>
MUS 432	3		12
EDU 330	3		
MUS 429	2		
MUS 433	3		
MUS 111	1		
MUS 400	0		
MUS 414	1		
LS 421	4		
HED 121	<u>2</u>		
	20		

Total 149 Hrs.

MUSIC THEORY

- MUSIC 132

The Fundamentals of Music

Three credit hours

A review course in basic musicianship, including the fundamentals of music and music theory. (Four class meetings per week.)
- MUSIC 143

Music Theory I

Four credit hours

The integrated study of written theory and harmony, keyboard harmony, aural theory, analysis, and literature. Prerequisite: demonstration of competencies in Music 132. Lecture: 3 hrs.; Lab: 2 hrs.
- MUSIC 144

Music Theory II

Four credit hours

A continuation of areas begun in Music 143. Prerequisite: demonstration of competencies required in Music 133. Lecture: 3 hrs.; Lab: 2 hrs.
- MUSIC 243

Music Theory III

Four credit hours

The advanced integrated study of the materials and literature of music. Prerequisite: demonstration of competencies required in Music 144. Lecture: 3 hrs.; Lab: 1 hr.
- MUSIC 244

Music Theory IV

Four credit hours

A continuation of areas begun in Music 243. Prerequisite: demonstration of competencies required in Music 233. Lecture: 3 hrs.; Lab: 1 hr.
- MUSIC 427

Form and Analysis

Two credit hours

A study of the small part forms through the larger part forms.

APPLIED MUSIC
Piano

- MUSIC 113-114

Piano (Individual)

One credit hour

Instruction to meet the needs of students at various stages of proficiency.
- MUSIC 213-214

Piano (Individual)

One credit hour

Additional technique and repertoire materials.
- MUSIC 313-314

Piano (Individual)

One credit hour

Continuation of advanced technique and literature.
- MUSIC 413-414

Piano (Individual)

One credit hour

Continuation of advanced technique and literature. Senior recital.

MUSIC 423-424 Piano (Individual) **Two credit hours**
Advanced study of technique and repertoire.

Organ

MUSIC 117-118 Organ (Individual) **One credit hour**
A course requiring students to demonstrate ability to play the piano fluently, to have a working knowledge of scales, triads, and arpeggios, and to sight-read accurately. Principles of organ touch and technique; preparatory manual and pedal studies; selected pieces from standard organ repertoire.

MUSIC 217-218 Organ (Individual) **One credit hour**
Advanced pedal and manual studies continued. Simple modulations at the organ; transpositions and improvisations; repertoire building continued.

MUSIC 317-318 Organ (Individual) **One credit hour**
Continuation of previous course.

MUSIC 417-418 Organ (Individual) **One credit hour**
Continuation of previous course.

Voice

MUSIC 115-116 Voice **One credit hour**
Study of basic principles of voice production and a variety of solo materials. Development of poise and stage deportment.

MUSIC 215-216 Voice (Individual) **One credit hour**
Continuation of Voice 115-116.

MUSIC 315-316 Voice (Individual) **One credit hour**
Continuation of Voice 215-216.

MUSIC 415-416 Voice (Individual) **One credit hour**
Continuation of Voice 315-316. Senior recital.

MUSIC 425-426 Voice (Individual) **Two credit hours**
Advanced study of technique and repertoire.

Orchestral Instruments

MUSIC 610-611 String Class **One credit hour**
A course for the beginner. Individual and ensemble playing of exercises, scales, arpeggios, and easy compositions

MUSIC 612-613 Strings (Individual) **One credit hour**

MUSIC 614-615 Strings (Individual) **One credit hour**

MUSIC 616-617 Strings (Individual) **One credit hour**

MUSIC 618-619 Strings (Individual) **One credit hour**
A study of the technique and repertoire of the chosen instrument.

MUSIC 710-711 Woodwind Class **One credit hour**
A course for the beginner. Individual and ensemble playing of exercises, scales, arpeggios, and easy compositions.

MUSIC 712-713	Woodwind (Individual)	One credit hour
MUSIC 714-715	Woodwind (Individual)	One credit hour
MUSIC 716-717	Woodwind (Individual)	One credit hour
MUSIC 718-719	Woodwind (Individual)	One credit hour
A study of the technique and repertoire of the chosen instrument. Senior recital.		
MUSIC 720-721	Woodwind (Individual)	One credit hour
Advanced study of technique and repertoire.		
MUSIC 810-811	Brass and Percussion Class	One credit hour
A course for the beginner. Individual and ensemble playing of exercises, scales, arpeggios, and easy compositions.		
MUSIC 812-813	Brass and Percussion (Individual)	One credit hour
MUSIC 814-815	Brass and Percussion (Individual)	One credit hour
MUSIC 816-817	Brass and Percussion (Individual)	One credit hour
MUSIC 818-819	Brass and Percussion (Individual)	One credit hour
A study of the technique and repertoire of the chosen instrument. Senior recital.		
MUSIC 820-821	Brass and Percussion (Individual)	Two credit hours
Advanced study of technique and repertoire.		

MUSIC BUSINESS AND SACRED MUSIC

MUSIC 322	Conducting	Two credit hours
A study of the technique of conducting instrumental and vocal groups.		
MUSIC 323	Orchestration	Two credit hours
A study of instruments of the orchestra, together with the practical study of the art of symphonic scoring.		
MUSIC 325	Introduction to Music Ministry	Two credit hours
Prepares students to meet requirements of leadership in music ministry by focusing on specific duties and responsibilities such as: implementing the total church music program; assisting and supervising church musicians and choir directors; preparing music budgets and reports; and working with choirs, the music committee, church boards and organizations. Required for all music majors with a concentration in church music.		
MUSIC 331	Introduction to Music Business	Three credit hours
An overview of the major areas of music business, including music merchandising, music copyright, contracts, and licensing laws, as well as recording industry production and distribution, and artist management is provided. Career options and development are also explored and qualified music-business professionals and performers serve as guest speakers. Field trips (individual and groups visits) to music merchandising, recording studios and other related music business sites are offered.		

- MUSIC 332 Survey of Electronic Music** **Three credit hours**
 An introduction to a variety of computer software used in electronic music and computer compositional techniques. Emphases are on hands-on instruction in the use of the computer to arrange or compose music; MIDI sequencing programs, digital audio recording and editing techniques and technologies; and electronic music styles and instruments. Prerequisites: MUS 143 and 144
- MUSIC 334 Hymnology** **Three credit hours**
 An in-depth examination of the music and texts of hymns of various styles and genres. Emphases on performance practices of hymns; procedures for choosing hymns theologically and thematically compatible with liturgies, seasonal and special church services; musical analyses of selected hymn repertoire; and historical developments of congregational song to the present. Students present individual reports and papers on topic relating to the history and musical genres and styles of hymns. Required for all music majors with a concentration in church music. Prerequisites: MUS 143 and 144
- MUSIC 432 Music in the School Curriculum** **Three credit hours**
 Principles, objectives, materials, and procedures for meeting the needs of the music teacher in the total school curriculum. The problems of organization, administration and teaching methods of the music teacher and supervisor in the elementary through the secondary school will be explored. Required for all music education majors.
- MUSIC 433 Vocal and Choral Methods** **Three credit hours**
 Study of the voice dealing with techniques of vocal production, vocal problems, vocal literature and techniques for teaching voice to students and adults. Methods, materials, rehearsal techniques, administration and other major choral problems will be studied. Required for general music education majors.
- MUSIC 434 Instrumental Methods** **Three credit hours**
 Study of methods, materials, techniques, organization, administration, equipment, marching band techniques and other major problems of instrumental teaching. Required for instrumental music education majors.
- MUSIC 400 Senior Recital**
 Presentation of a program of music representing a variety of historical styles. Required of all Music Education majors. Grading on a P/NP basis. Requirement fulfilled with a "P" grade only.
- MUSIC 429 Independent Study or Seminar** **Two credit hours**
 Investigation of some aspect of music or music education. Taken fall and spring for the preparation and writing of the senior research paper.
- MUSIC 439 Music Internship** **Three credit hours**
 Practical experience in the music profession appropriate for students with concentrations in either Music Business or Sacred Music. A minimum of 120 hours of work is required. Prerequisite: Permission of the department.

MUSIC LITERATURE AND HISTORY

- MUSIC 130 Introduction to African American Music** **Three credit hours**
 An introduction to the history of black American music, composers, and musicians.
- MUSIC 131† Introduction to Music Literature** **Three credit hours**
 An introduction to the history and literature of music. General Education course for all students.

MUSIC 333 Sacred Music Literature**Three credit hours**

Intensive study of selected church music literature, vocal and instrumental, including readings and analyses of anthems, cantatas, oratorios, arrangements of Negro spirituals and contemporary gospel music, organ and piano compositions. Students perform assigned musical works, and present individual reports and papers on topics relating to the style and history of the music. Required for all music majors with a concentration in church music. Prerequisites: MUS 143 and 144

MUSIC 337-338 Music History and Literature**Three credit hours**

A general survey of the development of music from primitive sources to the present day. These courses are designed for music majors.

ENSEMBLES**MUSIC 111-112 University Choir****One credit hour**

Performance of choral works from various historical periods. Membership by audition. May be repeated for credit.

MUSIC 119 University Swing Choir**One credit hour**

Performance of Broadway, jazz, popular, folk, ballads, and other musical genre. Membership by audition. May be repeated for credit.

MUSIC 210 University Marching Band**One credit hour**

Performance of popular music in various styles. Membership by audition. May be taken for credit or non-credit. May be repeated. Offered during the fall semester.

MUSIC 211 University Symphonic Band**One credit hour**

Performance of concert music of various historical periods. May be taken for credit or non-credit. May be repeated. Offered during the spring semester.

MUSIC 212 Jazz Ensemble**One credit hour**

Performance of jazz compositions in a variety of styles. Membership by audition. May be repeated. Offered during the spring semester.

ART AND ART HISTORY

Art courses that serve as general education courses in the Liberal Studies program are indicated by a dagger (†) after the course number.

ART 130 Basic Design**Three credit hours**

A course designed to acquaint students with the principles of draftsmanship, color scheme variables, and principles of their application. Materials to be explored in this course: collage techniques, matting, acrylic and water color painting, various uses of charcoal, linoleum block printing, basic sculptural forms, and oil painting.

ART 133 Introduction to Drawing and Painting**Three credit hours**

Emphasis on understanding form, line linear organization, color harmony, and physical properties of pigment (oil, acrylic, and color), and methods of canvas preparation and framing.

ART 134 Afro-American Art History**Three credit hours**

A supplement to regular mainstream approaches in teaching American art history. Acquaints students with the distinguished creative output of persons of Afro-American backgrounds. Examines some two hundred years of black creative efforts.

ART 230 Art for the Elementary School **Three credit hours**
 A discussion of skills which will facilitate art work in the elementary school. Emphasis on developing creative ability. Two two-hour class meetings each week.

ART 231† Art Appreciation **Three credit hours**
 A survey of styles, themes, and movements in Western art beginning with prehistoric cave paintings to exploration of artistic developments in the mid-twentieth century.

THE DEPARTMENT OF NATURAL SCIENCES

The following courses are open to Natural Science majors interested in research careers:

NSC 110 Introduction to Laboratory Research **One credit hour**
 A brief introduction to the nature and practices of laboratory research in the natural sciences. The nature of scientific inquiry, the formulation of research questions, the role of the scientific literature, and laboratory recordkeeping are some of the questions that will be considered. For Elective Credit Only.

NSC 130 Introduction to College Science **Three credit hours**
 An overview of the content and processes of science. Focus on process skills and basic science concepts. For elective credit only.

NSC 220 Introduction to Laboratory Research Instrumentation **Two credit hours**
 Introduction to the operating principles, theoretical basis, and data interpretation skills related to selected laboratory instrumentation. Lecture (15-20 total hours) and Laboratory (30-35 total hours). For Elective Credit Only.

NSC 310 Responsible Research Seminar **One credit hour**
 The ethical and practical considerations involved in conducting research. General ethical guidelines will be developed and illustrated by case studies of scientific fraud drawn from the original literature. Other topics for possible inclusion are copyright infringement, proper crediting of work in publications, publication choices (paper, patent, etc.), animal and human subject use and the impact of information technology on the responsible conduct of research. This course is offered Fall, Spring, and Summer as demand exists. Prerequisite: Consent of Department.

Major programs offered in biology, chemistry, general science, nursing, and pharmacy.

GENERAL SCIENCE MAJOR

The General Science major provides opportunities for interdisciplinary approaches to the study of mathematics and the sciences at the undergraduate level. The goals of the program are:

1. To provide opportunities for students to acquire knowledge of fundamental concepts, problems and methods of inquiry in areas of biological and physical sciences, and mathematics and computer science;
2. To provide opportunities for students to prepare for professional careers as laboratory and research assistants, and other support positions in the science and health fields;

3. To provide opportunities for students to prepare for entry into professional schools of medicine, dentistry, and pharmacy.

A major in general science is offered with a concentration in one of four areas: biology, chemistry, computer science or physics. The major in general science consists of introductory courses in biology, chemistry, mathematics, computer science, and physics, plus fifteen (15) hours in courses above the introductory level in the area of concentration, and three hours of course work above the introductory level in another of the three remaining areas. The introductory courses in each area are: Biology (143 and 144), Chemistry (131, 132, 111 and 112), Mathematics 137 and 138 or higher sequence, Computer Science 131 and 132 or higher sequence, and Physics 241 and 242. General science majors with a concentration in biology or chemistry are not required to take LS 135.

BIOLOGY MAJOR

A major in biology requires a minimum of thirty-two credit hours in biology; these thirty-two hours must include Biology 143, 144, 241, 242, 312, 340, 342, 431 and 440. A grade of "C" or better is required in each course to satisfy graduation requirements. Biology majors are not required to take LS 135.

The biology major also requires thirty credit hours in related science and mathematics courses; these courses are Chemistry 111, 131, 112, 132, 211, 231, 212, 232, Mathematics 137, 138, and Physics 241, 242. It is strongly recommended that majors complete Mathematics 438 and Mathematics 241. In all supporting courses listed above, a minimum grade of "C" is required.

A minor in biology requires eighteen credit hours of biology courses which include ten credit hours in courses above the 100-level. A grade of "C" or better is required in all courses counting toward a minor.

BIOLOGY 142 Concepts of Modern Biology

Four credit hours

A study of the major concepts which form the basis of modern biology. These include evolution, taxonomy, cell theory, development and differentiation, Mendelian genetics, molecular genetics, and ecology. The course will provide a survey of these areas with an emphasis on the historical development of each area, their practical role in biology today and how they integrate among themselves and with the other natural sciences to create a functional, understandable biosphere. This course is intended as an introduction to general biology for physical education, psychology, and social work majors. For students majoring in these areas this course also serves as a prerequisite. Lectures: three hours a week. Laboratory: three hours a week.

BIOLOGY 143 General Zoology

Four credit hours

A study of the structures, function, environmental relationship, origin, and development of animals. Prerequisite: Placement in MTH 137 or higher, or passing score on departmental placement exam, or approval of department head. Lectures: two hours a week. Laboratory: 3 hours a week.

BIOLOGY 144 General Botany

Four credit hours

A study of the morphology, physiology, heredity, and evolution of plants, including a survey of the plant kingdom. Emphasis on life cycles. Prerequisite: Placement in MTH 137 or higher, or passing score on departmental placement exam, or approval of department head. Lectures: two hours a week. Laboratory: four hours a week.

- BIOLOGY 240 Human Anatomy and Physiology** **Four credit hours**
A study of the basic structure and functions of man, both descriptive and experimental. Prerequisite: Biology 142 or equivalent. Fulfills requirements for the physical education major and the social work major. Lectures: three hours a week. Laboratory: two hours a week.
- BIOLOGY 241 Cell Biology** **Four credit hours**
A detailed study of the structure, organization, physiological activities, and evolution of plant and animal cells. Prerequisites: Biology 143 and 144. Lectures: two hours a week. Laboratory: three hours a week.
- BIOLOGY 242 Ecology** **Four credit hours**
Relationships between organisms and their environment. Emphasis on the climatic, edaphic, physiographic, and biotic principles involved. Prerequisites: Biology 143 and 144. Lectures: two hours a week. Laboratory: four hours a week. Field trips and a student project are included in the laboratory.
- BIOLOGY 243 Comparative Anatomy** **Four credit hours**
A general study of various vertebrate types, including mammals. A detailed laboratory study of the gross anatomy of a specimen of fish, amphibian, and mammal. Prerequisites: Biology 143 and 144. Lectures: three hours a week. Laboratory: three hours a week.
- BIOLOGY 312 Scientific Writing** **One credit hour**
Resource materials in the biological sciences will be reviewed and discussed with emphasis on the technicalities of scientific writing. Each student will select a Senior Paper topic or project and produce a prospectus. The student must choose a Senior Paper advisor. A minimum of 16 Biology credits required.
- BIOLOGY 313 Biochemistry Laboratory** **One credit hour**
Focus will be on methods of isolation of amino acids, proteins, and enzymology (activity and inhibition structures). An overview of the processes of protein sequencing will also be included. Prerequisite: Chemistry 232 and 212. Corequisite: Biology 333. Laboratory: four hours a week.
- BIOLOGY 331 Laboratory Techniques** **Three credit hours**
An interdisciplinary course in laboratory methods which will include chromatography, electrophoresis, spectrophotometry, and electroanalytic methods. Designed for students interested in medicine, dentistry, or allied health professions. Prerequisites: Biology 241 and 242. Chemistry 111, 112, 131, and 132. Corequisite: Physics 241. Lecture: one hour a week. Laboratory: three hours a week.
- BIOLOGY 333 Biochemistry** **Three credit hours**
This course consists of an overview of the chemistry of life. This will encompass identification of the basic classes of chemical compounds which include proteins, carbohydrates, lipids, and nucleic acids. Emphasis will be placed on structure function relationship. Prerequisite: Chemistry 232 and 212. Lectures: three hours a week.

BIOLOGY 335 Theories and Mechanisms of Evolution **Three credit hours, lecture discussion**

A survey of historical and modern theories of evolution ranging from the ideas of the Greeks through Darwin to modern theories and studies. Literature of original authors is read, and discussed and criticized. Authors include Aristotle, Buffon, Agassiz, Lamarch, Darwin, Wallace, Mayr, Dobzhansky, Wilson, Gould, and others. *The Voyage of the Beagle* and *Origin of Species* are studied to note Darwin's methods of study and his reasoning in arriving at the Theory of Natural Selection. Recent papers concerning evolutionary theory are studied and discussed. Prerequisites: Biology 143 and 144.

BIOLOGY 342 Microbiology **Four credit hours**

An introduction to the study of microorganisms. Special emphasis on their relationship to man. Prerequisites: Biology 241 and 242. Chemistry recommended. Lectures: two hours a week. Laboratory: three hours a week.

BIOLOGY 343 Histology **Four credit hours**

Instruction in the technique of preparing tissues for microscopic observation. The examination and detailed study of various tissues. Prerequisites: Biology 241 and 242. Lectures: two hours a week. Laboratory: three hours a week.

BIOLOGY 345 Embryology **Four credit hours**

A study of the development process in animals. Special reference to the frog, chick, pig, and man. Prerequisites: Biology 241 and 242. Lectures: two hours a week. Laboratory: three hours a week.

BIOLOGY 411-412 Seminar **One credit hour**

Independent work on recent findings of some aspect of biology. Prerequisite: must be a senior or have approval of the seminar coordinator.

BIOLOGY 430 Research Problems in Biology **Three credit hours**

Independent or team work in laboratory investigation of some aspect of biology. Progress reports, discussions, and presentation of results. Work permitted to extend over several semesters. May be repeated for credit upon approval of the Department Chair. Prerequisite: approval by chairman.

BIOLOGY 431 Research for Senior Paper **Three credit hours**

Independent investigation into the selected topic of the Senior Paper. Prerequisite: Biology 312.

BIOLOGY 340 Integrated Physiology **Four credit hours**

An analysis of processes by which vertebrates and invertebrates maintain, regulate, and perpetuate their structural and functional integrity. Prerequisites: Biology 241 and 242, Chemistry 232 and 212. Biology 243 recommended. Lectures: two hours a week. Laboratory: three hours a week.

BIOLOGY 440 Genetics **Four credit hours**

The transfer of hereditary characteristics studied at the molecular, organismic, and species levels. Prerequisites: Biology 340 and 342. Mathematics 438 recommended. Lectures: two hours a week. Laboratory: three hours a week.

BIOLOGY 490 Internship in Biology **Three credit hours**

A supervised internship with hands on experiences in a professional environment which will provide the student with exposure to the job market. The student will be required to formally present a detail description of his/her work activities and experiences. A minimum of 120 hours must be completed for three credit hours. May be repeated for credit. Departmental approval required.

BIOLOGY 499 Special Topics in Biology **Three credit hours**

Seminar and/or laboratory course requiring advance reading in the scientific literature. A current topic selected by the instructor will be the focus for the semester. May be repeated for credit.

SAMPLE CURRICULUM FOR BIOLOGY MAJORS
(Bachelor of Science Degree)

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
MTH 137	3	MTH 138	3
RHC 191	3	RHC 192	3
CHE 131	3	CHE 132	3
CHE 111	3	CHE 112	2
BIO 143/144	4	BIO 144/143	4
ORT 110	<u>1</u>	PED (010-119)	<u>1</u>
	17		16

Sophomore Year

CHE 231	3	CHE 232	3
CHE 211	1	CHE 212	1
BIO 241/242	4	BIO 242/241	4
FRE or SPA 131	3	FRE or SPA 132	3
ENG 230	3	LS 235 or SPE 130	3
PED (010-119)	1	CSC 131	<u>3</u>
LS 130	<u>3</u>		17
	18		

Junior Year

BIO 340/342	4	BIO 340/342	4
SPE 130 or LS 235	3	HED 121	2
PHY 241	4	BIO 312	1
ART, MUS, PHI or REL 131	3	PHY 242	4
LS 237	<u>3</u>	BIO Elective	<u>3</u>
	17		14

Senior Year

BIO 440	4	BIO Elective	4
BIO Elective	4	Elective	8
BIO 431	3		12
Elective	<u>3</u>		
	14		

Total 125 Hrs.

**32 hrs. of Biology required for graduation. Student may opt to take additional hours in Biology. 6 hrs. of Computer Science is highly recommended.*

Mathematics and English courses in the freshman year: dependent upon placement results.

CHEMISTRY MAJOR

The major in chemistry requires a minimum of thirty-eight credit hours consisting of Chemistry 111, 112, 131, 132, 211, 212, 231, 232, 322, 343, 344, 411-412, 431-432, 420 and 422. In addition to these Chemistry courses, Physics 241-242 or 243-244, three (3) credits above the CSC 131 level, and Mathematics 241-242 or higher mathematics courses are also required. In all of the above specified courses a minimum grade of "C" is required for graduation. A minor in chemistry requires a minimum of eighteen credit hours of chemistry courses which must begin with Chemistry 111, 112, 131, 132. The above Physics listings are also required for the minor. Chemistry majors are not required to take LS 135.

CHEMISTRY 111 General Chemistry Laboratory I **One credit hour**
Laboratory course to accompany Chemistry 131. Corequisite: Chemistry 131 or consent of department. Four hours of lab per week.

CHEMISTRY 112 General Chemistry Laboratory II **One credit hour**
Laboratory course to accompany Chemistry 132. Prerequisite: Chemistry 111 and 131. Corequisite: Chemistry 132 or consent of department. Four hours of lab per week.

CHEMISTRY 131 General Chemistry I **Three credit hours**
A discussion of the fundamental principles of chemistry in relation to the physical and chemical properties of the metallic and nonmetallic elements and their compounds. Prerequisite: Placement in MTH 137 or higher, or passing score on departmental placement exam, or approval of department head. Corequisite: Chemistry 111 or consent of department. Three lectures a week.

CHEMISTRY 132 General Chemistry II **Three credit hours**
A continuation of Chemistry 131. Prerequisites: Chemistry 111 and 131. Corequisite: Chemistry 112 or consent of department. Three lectures a week.

CHEMISTRY 211 Organic Chemistry Laboratory I **One credit hour**
Laboratory course to accompany Chemistry 231. An introduction to basic techniques of the organic chemistry laboratory plus exploration into organic synthesis, purification and spectral analysis. Prerequisites: Chemistry 112 and 132. Corequisite: Chemistry 231 or consent of department. Four hours of lab per week.

- CHEMISTRY 212 Organic Chemistry Laboratory II** **One credit hour**
Laboratory course to accompany Chemistry 232. An introduction to basic techniques of the organic chemistry laboratory plus exploration into organic synthesis, purification and spectral analysis. Prerequisites: Chemistry 211 and 231. Corequisite: Chemistry 232 or consent of department. Four hours of lab per week.
- CHEMISTRY 231 Organic Chemistry I** **Three credit hours**
A study of the fundamental principles of Organic Chemistry as illustrated by reaction mechanisms and their products, functional group reactions and preparations, and syntheses of and within both aliphatic and aromatic systems. Prerequisites: Chemistry 112 and 132. Corequisite: Chemistry 211 or consent of department. Three lectures a week.
- CHEMISTRY 232 Organic Chemistry II** **Three credit hours**
A continuation of Chemistry 231. Prerequisite: Chemistry 231. Corequisite: Chemistry 212 or consent of department. Three lectures a week.
- CHEMISTRY 313-314 Biochemistry Laboratory** **One credit hour each**
Courses to accompany Chemistry 333-334. Prerequisites: Chem 212, 232. Four hours of laboratory a week.
- CHEMISTRY 322 The Literature of Chemistry** **Two credit hours**
Review and discussion of resource materials as they pertain to chemistry. Emphasis will be placed on the writing and speaking skills necessary to produce a written paper in the form of a typical journal article and to present a seminar on a research topic. This is a required course for the Senior Investigative Paper. Two lectures each week.
- CHEMISTRY 343 Analytical Chemistry** **Four credit hours**
The theory and practice of analytical measurements as applied to volumetric and gravimetric determinations. Prerequisites: Chemistry 212 and 232 or consent of department. Three lectures and four hours of laboratory a week.
- CHEMISTRY 344 Instrumental Analysis** **Four credit hours**
A discussion of the theoretical principles and applications of modern chemical instrumentation including spectroscopic, chromatographic and electrochemical techniques. Appropriate experiments to complement the discussion. Prerequisites: Chemistry 212, 232 and 343 or consent of department. Three lectures and four hours of laboratory a week.
- CHEMISTRY 331 Inorganic Chemistry** **Three credit hours**
A study of the theoretical and descriptive aspects of inorganic chemistry, emphasizing the relationships between atomic and molecular structure and chemical and physical properties. Prerequisite: Chemistry 232 and 212. Lecture three times a week.
- CHEMISTRY 333 Biochemistry I** **Three credit hours**
A study of the biochemical processes and molecular reactions occurring in living systems, including a study of carbohydrates, lipids, proteins, metabolic reactions and accompanying energy considerations. Prerequisites: Chemistry 232 and consent of the department. Lecture three hours a week.
- CHEMISTRY 334 Biochemistry II** **Three credit hours**
A continuation of Chemistry 333. Prerequisites: Chemistry 333 and consent of the department. Lecture three hours a week.

CHEMISTRY 411-412 Selected Experiments in Physical Chemistry
One credit hour each
Courses to accompany chemistry 431-432. Four hours of laboratory a week.

CHEMISTRY 420 Chemistry Seminar
Two credit hours
Presentation and discussion of selected topics from the major areas of chemistry. Oral and written reports required. Prerequisite: consent of department. May be repeated for credit.

CHEMISTRY 422 Laboratory Projects in Chemistry
Two credit hours
Advanced laboratory investigation designed to allow the student to become more actively involved in chemical research either by participating in faculty designed projects or by pursuing individual interests approved by the staff. Prerequisite: consent of the department. May be repeated for credit. Credit for this course can also be earned by outside research in industry, government, or academic settings.

CHEMISTRY 430 Advanced Organic Chemistry
Three credit hours
Topics of interest in theoretical and practical organic chemistry, including mechanisms, reactions and synthetic methods. Heterocyclic chemistry included. Prerequisite: Chemistry 232. Lecture three hours a week.

CHEMISTRY 431 Physical Chemistry
Three credit hours
The principles of chemistry as applied to the properties and behavior of gases, liquids, solids and solutions. The basic principles of Thermodynamics, Quantum Mechanics, and Kinetics and their applications to chemical and biochemical systems. Prerequisites: Chemistry 343, Mathematics 241 and Physics 242 or 244. Lecture three hours a week.

CHEMISTRY 432 Physical Chemistry II
Three credit hours
A continuation of Chemistry 431. Prerequisite: Chemistry 431. Lecture three hours a week.

CHEMISTRY 499 Special Topics in Chemistry
3-4 credit hours
Seminar and/or laboratory course requiring advanced reading in the scientific literature. A current topic selected by the instructor will determine the focus for the semester. May be repeated for credit.

SAMPLE CURRICULUM for CHEMISTRY MAJORS
(Non Honors College)

Freshman Year			
Fall Semester	Credit Hours	Spring Semester	Credit Hours
CHE 131	3	CHE 132	3
CHE 111	1	CHE 112	1
MTH 137	3	MTH 138	3
RHC 191	3	RHC 192	3
LS 130 or CSC 131	3	CSC 131 or LS 130	3
For. Lang. 131	3	For. Lang. 132	3
ORT 111	<u>1</u>		<u>3</u>
	17		16

Sophomore Year

CHE 231	3	CHE 232	3
CHE 211	1	CHE 212	1
MTH 241	4	MTH 242	4
PHY 241 or 243	4	PHY 242 or 244	4
SPE 130 or LS 235	3	LS 235 or SPE 130	3
PED (010-119)	<u>1</u>	PED (010-119)	<u>1</u>
	16		16

Junior Year

CHE 343	4	CHE 344	4
CSC	3	CSC	3
LS 237	3	Elective	3
ENG 230	3	CHE 322	2
ART, MUS, PHI or REL	<u>3</u>	HED 121	<u>2</u>
	16		14

Senior Year

CHE 431	3	CHE 432	3
CHE 411	1	CHE 412	1
CHE 422 OR 420	2	CHE 420	2
Elective	3	Elective	3
Elective	3	Elective	3
Elective	<u>3</u>	Elective	<u>3</u>
	15		15

Total 126 Hrs.

Some Recommended Electives which
would enhance the major:

Calculus III:

Differential Equations

Computer Science Courses

Advanced Organic Chemistry

Biochemistry

Inorganic Chemistry

JCSU/QUEENS COLLEGE General Science/Nursing Curriculum

The General Science/Nursing curriculum at Johnson C. Smith University provides a career option for science students. Upon successful completion of the program, students will be awarded the B.S. in General Science from JCSU and at the same time the B.S. in Nursing from Queens College. The Bachelor of Science in Nursing prepares students for entry-level positions in professional nursing and for graduate school.

SUGGESTED CURRICULUM GUIDE FOR GENERAL SCIENCE/
NURSING

First Year (JCSU)

Fall Semester	Credit Hours	Spring Semester	Credit Hours
MTH 137	3	MTH 138	3
RHC 191	3	RHC 192	3
CHE 131	3	CHE 132	3
CHE 111	1	CHE 112	1
BIO 143	4	BIO 143	4
or		or	
BIO 144		BIO 144	
ORT 110	1	PED (Activity)	<u>1</u>
PED (Activity)	<u>1</u>		15
	16		

Second Year (JCSU)

CHE 231	3	Foreign Language	3
CHE 211	1	LS 235	3
Foreign Language	3	CSC 131	3
ENG 230	3	PHY 242	4
LS 130	3	PSY 131	3
PHY 241	<u>4</u>	HED 121	<u>2</u>
	17		18

Third Year (JCSU & Queens College)

LS 237*	3	SPE 130	3
ART or MUSIC	3	CSC 132	3
BIO 111	3	BIOL 112	4
BIO 111L	1	NURS 202	3
NURS 201	3	NURS 203	<u>4</u>
NURS 205	<u>3</u>		17
	16		

Summer (Queens)

BIOL 120	4
NURS 204	3
PSY 304	<u>3</u>
	10

Fourth Year (Queens)

NURS 303	9	NURS 315	9
NURS 307	4	Math 206	3
Math 206	3	or	
or		PSYC 320	<u>—</u>
PSYC 320	<u>—</u>		12
	16		

Fifth Year (Queens)			
NURS 400**	3	NURS 402	6
NURS 410	3	NURS 452	2
NURS 498	4	NURS 499	2
Elective	<u>2</u>	Elective	<u>2</u>
	12		12

**Effective Fall 2000*
***Senior Paper Course*

JCSU/HOWARD UNIVERSITY SCIENCE/PHARMACY CURRICULUM

Johnson C. Smith University offers a dual-degree program in Science and Pharmacy in conjunction with Howard University of Washington, DC. A student may pursue a Bachelor of Science degree in either Biology or Chemistry over a three year period at Johnson C. Smith and then transfer to the Howard University College of Pharmacy and Pharmaceutical Sciences to complete the pharmacy training. Upon successful completion of the first year courses at Howard, the student will receive a Bachelor of Science degree from Johnson C. Smith and continue on for a Doctor of Pharmacy degree at Howard.

Biology/Pre-pharmacy

In addition to the general education courses required for this particular BS degree from Johnson C. Smith, the major requirements also include Biology 143, 144, 241, 242, 312, and 440. In support of this Pre-pharmacy opportunity, eight credits of General Chemistry, eight credits of Organic Chemistry and eight credits of Physics are also required. A specific admission requirement of the pharmacy school is one semester of Calculus I (MTH 241, 4 credits).

Chemistry/Pre-pharmacy

In addition to the general education courses required for this particular BS degree from Johnson C. Smith, the major requirements also include Chemistry 111-2, 131-2, 211-2, 231-2, 343-4, 322, 411 and 431, eight credits of Physics, eight credits of Calculus and six credits of Computer Science. In support of this Pre-pharmacy opportunity, Biology 143 and Biology 144 are also required.

For descriptions of the courses mentioned above, consult the appropriate departmental offerings. Example curricula for both of the Pre-pharmacy opportunities follow.

EXAMPLE CURRICULUM for BIOLOGY/PRE-PHARMACY
MAJORS
Initial non-Calculus Placement

First Year (JCSU)

Fall Semester	Credit Hours	Spring Semester	Credit Hours
BIO 143*	4	BIO 144*	4
MTH 137	3	MTH 138	3
RHC 191	3	RHC 192	3
LS 130*	3	CSC 131*	3
HED 121*	2	SPE 130*	3
ORT 110	<u>1</u>	PED*	<u>1</u>
	16		17

Second Year (JCSU)

BIO 241	4	BIO 242	4
CHE 131	3	CHE 132	3
CHE 111	1	CHE 112	1
MTH 241	4	PED*	1
For Lang	3	For Lang	3
LS 235*	<u>3</u>	LS 237*	<u>3</u>
	18		15

Third Year (JCSU)

ENG 230*	3	BIO 312	1
ART, MUS, REL or PHI*	3	BIO 440	4
CHE 231	3	CHE 232	3
CHE 211	1	CHE 212	1
PHY 241	<u>4</u>	PHY 242	<u>4</u>
	14		13

*May reverse semesters

Howard University First Year

900-168 Hum Anatomy/Physiology	4**	908-101 General Physiology	4**
901-101 General Biochemistry	4**	550-116 Biomedical Chemistry	3
903-112 Microbiology/Immunology	4**	550-122 Pharm Sciences Lab	1
550-111 Pharmaceutical Math	3	550-112 Physical Pharmacy	3
551-101 Drugs and Society	<u>3</u>	551-102 Contemporary Pharm	
	18	Practice	3**
		551-132 Pharmacy Management	<u>3</u>
			17

**Accepted for JCSU Biology Major Credit (19 Cr. Hrs.).

EXAMPLE CURRICULUM for CHEMISTRY/PRE-PHARMACY MAJORS Initial non-Calculus Placement

First Year (JCSU)

Fall Semester	Credit Hours	Spring Semester	Credit Hours
CHE 131	3	CHE 132	3
CHE 111	1	CHE 112	1
MTH 137	3	MTH 138	3
RHC 191	3	RHC 192	3
LS 130*	3	CSC 131*	3
PED*	1	PED*	1
HED 121*	2	SPE 130*	<u>3</u>
ORT 110	<u>1</u>		17
	17		

Second Year (JCSU)

CHE 231	3	CHE 232	3
CHE 211	1	CHE 212	1
MTH 241	4	MTH 242	4
PHY 241	4	PHY 242	4
For Lang	3	For Lang	3
LS 235*	<u>3</u>	LS 237*	<u>3</u>
	18		18

Third Year (JCSU)

CHE 343	4	CHE 344	4
CHE 431	3	CHE 322	2
CHE 411	1	CSC*	3
BIO 143*	4	BIO 144*	4
ENG 230*	<u>3</u>	ART, MUS, REL or PHI*	<u>3</u>
	15		16

*Not semester specific

Howard University First Year

900-168 Hum Anatomy/Physiology	4	908-101 General Physiology	4
901-101 General Biochemistry	4**	550-116 Biomedical Chemistry	3**
903-112 Microbiology/Immunology	4	550-122 Pharm Sciences Lab.**	1
550-111 Pharmaceutical Math	3	550-112 Physical Pharmacy**	3
551-101 Drugs and Society	<u>3</u>	551-102 Contemporary Pharm. Practice	3
	18	551-132 Pharmacy Management	<u>3</u>
			17

**Accepted for JCSU Chemistry Major Credit (11 Cr. Hrs.).

PREPROFESSIONAL OPPORTUNITIES IN THE SCIENCES

Premedical and Predental Programs

All courses required for preparation for medical and dental school are offered at Johnson C. Smith University. A student may major in any area of study, but the Health Careers Committee recommends a major in biology or chemistry. The following courses are required for admittance to most medical schools: biology, two semesters; chemistry (general and organic), four semesters; physics, two semesters. Other specific courses are required by some medical schools. Academic advisors and Health Careers Committee will aid students in arranging their programs.

DEPARTMENT OF PSYCHOLOGY

The Department of Psychology seeks to provide students with opportunities for intellectual, professional, and personal development through academic course offerings and Department-sponsored support activities. Consistent with the spirit of the University's statement of purpose, the Department strives to provide students with those conditions which are most likely to foster each individual's overall growth and development. In accordance with this goal, attention is given not only to the mastery of subject matter, but also — and perhaps more importantly — to the mastery of the skills involved in learning *how to learn*, with particular focus on the scientific method.

The curriculum emphasizes the scientific nature of Psychology, which is defined as *the science of behavior and mental processes*. As students progress through the curriculum, they gain the background information and skills necessary to understand existing knowledge in the discipline and to pursue and extend that existing knowledge. The core of required courses is designed to provide a foundation that will prepare students well for the job market or graduate study. A great deal of flexibility is allowed in selecting other major courses so that students have the ability to fit the curriculum to their specific future plans.

Department activities support students in career/graduate study explorations and in making appropriate course selections from the curriculum. Opportunities to learn and enhance computer skills; to participate in the student-run Psychology Club; to engage in Service Learning; to pursue research experiences and internships at major research universities, in industry, and in educational and human-services settings; and to participate in discipline-related Honor Societies; all contribute to students' intellectual development, assist them in their professional development, and foster their personal growth.

Thus the Department's program is specifically designed to:

- a. equip majors and minors with a solid general background in psychology which will allow them to compete successfully for and to complete opportunities in graduate studies in the field;

- b. equip majors and minors with those relevant subject matter skills which will prepare them for graduate level work in other related disciplines;
- c. prepare students anticipating immediate entrance into the job market upon graduation with marketable skills.

A major in psychology consists of thirty-three (33) credit hours which, in addition to Psychology 131, must include Psychology 132, 233, 333, 430, and two of the following "cafeteria" courses: Psychology 234, 330, 332, 338, 339 and 435. The remaining credits will consist of free electives from the psychology curriculum.

A minimum grade of C must be earned in all psychology courses that count toward the major.

An additional requirement for majors is completion of one of the following:

- a. a second *year* of a selected foreign language (a liberal studies requirement mandates the first year)
or
- b. Computer Science 131 *and* 132
or
- c. Psychology 234 *and* 334.

The student may choose to pursue any *one* of these three options.

A minor in psychology consists of eighteen (18) credit hours which, in addition to Psychology 131, must include Psychology 132 and two of the following courses: Psychology 233, 330, 332, 333 (corequisite 233), 338 and 435. Electives make up the remaining credits.

PSYCHOLOGY 131 General Psychology I **Three credit hours**
A course designed to provide an understanding of behavior through the study of growth and development, motivation, emotion, learning, personality, intelligence, and other related topics. FALL and SPRING SEMESTERS.

PSYCHOLOGY 132 General Psychology II **Three credit hours**
A more intensive and rigorous treatment of selected topics within general psychology. Special emphasis on reading and writing scientific papers, experimental procedures, laboratory demonstrations and observation. Prerequisite: Psychology 131. FALL and SPRING SEMESTERS.

PSYCHOLOGY 230 Psychology of the Exceptional **Three credit hours**
An examination of psychological approaches to understanding exceptional children. Emphasis is placed on applications to educational settings. (Same as Education 296) Prerequisite: Psychology 131. SPRING SEMESTER.

PSYCHOLOGY 233 Statistics for the Social and Behavioral Sciences **Three credit hours**
The application of descriptive and inferential statistics to data in the social and behavioral sciences. Emphasis on data classification, data reduction, the normal distribution, z scores, probability, hypothesis testing, z test, t test, statistical power. Prerequisite: Six credits in Mathematics. (Co-listed as Sociology 233, Social Science 233). FALL and SPRING SEMESTERS.

- PSYCHOLOGY 234 Experimental Designs** **Three credit hours**
 Presentation of statistics used in the analysis of factorial experimental designs involving multiple independent variables. Emphasis is placed on the analysis of variance. Computerized analysis using a major comprehensive statistics package is covered as well as paper and pencil calculations. Prerequisite: Psychology 233 or its equivalent. SPRING SEMESTER.
- PSYCHOLOGY 235 Psychology of Childhood** **Three credit hours**
 A study of the development of children from conception to adolescence. The biological factors and social forces that affect the growing child are dealt with, as are cognitive and moral development, learning, maturation and family relationships. Prerequisite: Psychology 131. FALL SEMESTER.
- PSYCHOLOGY 237 Psychology of Adolescence** **Three credit hours**
 The psychology of behavior arising from the problems peculiar to the transitional period between childhood and maturity. Prerequisite: Psychology 131. FALL SEMESTER.
- PSYCHOLOGY 239 Educational Psychology** **Three credit hours**
 A study of the theories of education and the principles of classroom learning. Concepts dealing with the acquisition of knowledge and interpersonal social relations are emphasized. The practical applications of these principles are incorporated. Prerequisite: Psychology 131. SPRING SEMESTER.
- PSYCHOLOGY 330 The Psychology of Learning** **Three credit hours**
 A study of the facts and theories of human and animal learning. Prerequisite: Psychology 131. FALL and/or SPRING SEMESTERS.
- PSYCHOLOGY 322 The Psychology of Perception** **Three credit hours**
 A study of the basic phenomena of perception as determined by conditions in the external situation and within the perceiver. Prerequisite: Psychology 131. OCCASIONALLY OFFERED.
- PSYCHOLOGY 333 Experimental Psychology I** **Three credit hours**
 An introduction to the theory, methods, and techniques of experimental psychology with an emphasis on developing hypotheses, operational definitions, and predictions, developing methods of testing predictions, and interpretation of expected results. Students will work together as teams to conduct demonstration research projects. The emphasis is on mastering APA style, and development of basic competence in following a research protocol. Students will also learn to design a basic research project. 2 hours lecture and 2 hours laboratory. Prerequisite: Psychology 131. Corequisite: Psychology 233 or its equivalent. FALL and SPRING SEMESTERS.
- PSYCHOLOGY 334 Experimental Psychology II** **Three credit hours**
 Theory, methods, and techniques of experimental psychology as employed by specific subdisciplines within the field including laboratory, field, and quasi-experimental procedures. Students will work as teams to conduct structured research projects. The course requires integration of statistical analysis and data gathering procedures. Results will be written in APA style and should be of the quality to present at undergraduate research conferences. 2 hours lecture, 2 hours laboratory. Prerequisite: Psychology 333 or permission of the instructor. SPRING SEMESTER.
- PSYCHOLOGY 335, 325, 315 Selected Topics in Psychology**
One (315), two (325), or three (335) credit hours
 Exploration of special psychological topics. May be repeated. Prerequisites: Fifteen (15) hours in psychology or permission of the instructor. FALL AND SPRING SEMESTERS.

- PSYCHOLOGY 336 Consumer Behavior** **Three credit hours**
 A study of human behavior as it relates to the consumption of goods and the use and acceptance of service. The early history, growth, and recent trends in consumer psychology will be incorporated into coverage of the characteristics of consumers and consumer decision making. Occupations which apply psychological concepts to the study of consumer behavior will be explored. (Same as PUR 336). FALL AND SPRING SEMESTERS.
- PSYCHOLOGY 337 Industrial/Organizational Psychology** **Three credit hours**
 An examination of knowledges and skills designed to deal with problems of people at work. Topics include processes of communication, personnel selection and placement, training, motivation, evaluation, conflict reduction, performance enhancement, and job satisfaction. ON OCCASION.
- PSYCHOLOGY 338 Personality Theory** **Three credit hours**
 An introduction to some of the major theories of personality and their implications for daily living. The contents and functions of personality theories are explored. The course will review the writing of researchers/writers from the Psychoanalytic, Behavioral, Cognitive, Trait and Humanistic perspectives. Methods of measuring personality functioning and promoting change will also be examined. Prerequisite: Psychology 131. FALL and/or SPRING SEMESTERS.
- PSYCHOLOGY 339 Principles of Psychological Measurement** **Three credit hours**
 An introduction to psychological testing which includes an exploration of the functions and origins of the area. Basic characteristics of assessment techniques such as the establishment of reliability and validity are studied. Students are introduced to some of the major psychological tests available today. Laboratory experience in test administration and interpretation is provided. Prerequisite: Psychology 131. OCCASIONALLY OFFERED.
- PSYCHOLOGY 430 Senior Seminar in Psychology** **Three credit hours**
 A collaborative group experience supplemented by individual sessions with faculty and independent effort, designed to aid each senior in the successful writing of a senior investigative paper. Required of all first-semester seniors who have declared psychology as a major. Prerequisites: Major credit for Psychology 131, 132, 233, and 333. FALL and SPRING SEMESTERS.
- PSYCHOLOGY 431 Social Psychology** **Three credit hours**
 Problems, concepts, and methods in the study of social interaction and interpersonal influence. (Same as Sociology 431). Prerequisite: Psychology 131. ON OCCASION.
- PSYCHOLOGY 432 Abnormal Psychology** **Three credit hours**
 An examination of the descriptions, dynamics, and modification of behavioral deviations and psychological disorders. Focus is on the classification of abnormal behaviors, theoretical explanations, and resultant treatment methods for each disorder. The Course is supplemented with case examples, community outreach activity and multimedia presentations. Prerequisite: Psychology 131 or permission of instructor. FALL SEMESTER.
- PSYCHOLOGY 433 Internship in Psychology** **Three credit hours**
 An opportunity for students, under supervision, to participate in such professional psychological activities as testing, counseling, job placement, group therapy, and research. NOTE: Each student will be responsible for 120 hours of work in a selected community agency and for participation in periodic seminars. Prerequisites: Fifteen (15) hours in Psychology and permission of the instructor. SPRING SEMESTER.

PSYCHOLOGY 434 Introduction to Clinical Psychology **Three credit hours**
A study of the historical development of clinical psychology and an exploration of the theories of personality and behavior, the techniques and problems of diagnosis and personality assessment, the research role of the clinical psychologist, the diversity of psychotherapeutic approaches, community psychology and mental health, and professional issues related to the training and practice of clinical psychologists. Prerequisite: Psychology 131. SPRING SEMESTER.

PSYCHOLOGY 435 Theoretical Psychology **Three credit hours**
A comprehensive review of the development of the field of psychology and the systems and theories of psychology that have evolved out of their historical roots. Contemporary trends in each area of the discipline are explored. Prerequisite: Psychology 131. FALL SEMESTER.

PSYCHOLOGY 436, 426, 416 Independent Research in Psychology
One (416), two (426), or three (436) credit hours
Independent investigation of topics of special interest. Prerequisites: junior classification, six hours in psychology, approval of faculty supervisor. May be repeated. FALL and/or SPRING SEMESTERS.

CURRICULUM FOR PSYCHOLOGY MAJORS
Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
LS 130	3	LS 135	3
RHC 191	3	RHC 192	3
MTH 131 or higher	3	MTH 132 or higher	3
CSC 131	3	MED 121 or SPE 130	3 or 2
HED 121 or SPE 130	2	PED (010-119)	1
PED (010-119)	1	PSY 131	<u>3</u>
ORT 110	<u>1</u>		16 or 17
	16 or 17		

Sophomore Year

LS 235	3	LS 237	3
For. Lang.	3	For. Lang.	3
PSY 233	3	ENG 230	3
PHI 131/REL 131/PHI 233/ART 231/		PSY CAFE/ELEC	3
MUS 131	3	PSY 333	<u>3</u>
PSY 132	<u>3</u>		15
	15		

Junior Year

PSY CAFE/ELEC	<u>15</u>	PSY CAFE/ELEC	3
	15	GEN ELEC	<u>12</u>
			15

Senior Year

PSY 430	3	GEN ELEC (ADD'L PSY	
PSY CAFE/ELEC	3	recommended)	<u>14</u>
GEN ELEC	<u>9</u>		14
	15		

THE DEPARTMENT OF SOCIAL SCIENCES

The department offers majors in Criminal Justice, History, Political Science, Social Sciences, Social Studies Education and Sociology. Students choosing majors in any of these areas are required to take the following introductory courses: Economics 231, Political Science 131, Sociology 131, Liberal Studies 237. The department also offers minors in African-American and African Studies and Pre-Law.

Criminal Justice

The Criminal Justice major is designed to prepare students for employment in a wide variety of jobs within the criminal justice system and graduate study. The main emphases are training for Juvenile Justice and Adult Corrections. The major consists of thirty-nine (39) hours in Sociology and Criminal Justice, 33 required and six (6) hours of recommended electives. A statistics course is also required but does not count toward the thirty nine hours. A minimum grade of "C" must be earned in courses that count toward the major.

SOC 131 Principles of Sociology **Three credit hours**
An introduction to the viewpoints, basic concepts, and methods of Sociology. Offered Every Semester.

CJ 131 Introduction to Criminal Justice **Three credit hours**
This course is designed to introduce the student to the criminal justice system. It will survey current theories and practices and focus on the principal functions and roles of the four major components of the system—legislative bodies, law enforcement agencies, courts, and correctional institutions. Offered Every Semester (Formerly SOC 232)

CJ 235 Correctional System I **Three credit hours**
This course focuses on the basic elements, historical development, and trends within jail and prison systems for adults. Prerequisite: CJ 131. Offered Alternate Years (Formerly SOC 235)

CJ 236 Correctional System II **Three credit hours**
Analysis of historical development, basic elements, and trends in community corrections and probation and parole for adults. Prerequisite: CJ 131 (Formerly SOC 236) Offered Alternate Years.

CJ 237 Juvenile Delinquency **Three credit hours**
An analysis of the antisocial behavior of youth. Emphasis on causes, consequences, and efforts at prevention. Prerequisite: CJ 131. Offered Alternate Years (Formerly SOC 237)

CJ 239 Juvenile Corrections **Three credit hours**
An analysis of the historical development, basic elements, and trends in juvenile corrections and prevention. Prerequisite: CJ 131. Offered in Alternate Years (New Course)

CJ 339 Criminology **Three credit hours**
An examination of crime as a social phenomenon, and prevention and control methods. Prerequisite: CJ 131 (Formerly SOC 339) Offered in Alternate Years.

- SOC 432 Social Research I** **Three credit hours**
An introduction to the techniques and methods of scientific inquiry. Spring Semester. Prerequisites: CJ 131 and SOC 131
- SOC 433 Social Research** **Three credit hours**
An intensive study of research procedures, with special emphasis on qualitative research and preparation for the Senior Investigative Paper.
- SOC 436 Internship in CJ and Sociology** **Three credit hours**
Through placement in a criminal justice agency, students will put into practice concepts, methods and theories learned in course work. Students will spend 120 hours at an agency during a semester. Course may be taken twice. Prerequisite: CJ 131 or SOC 131. Offered Every Semester
- SOC 490 Senior Paper in Sociology and Criminal Justice** **Three credit hours**
Designed to help students achieve a synthesis of social science knowledge culminating in the writing of the Senior Paper. Prerequisites: SOC 432 and SOC 433. Spring Semester

Students may choose six (6) hours of electives from the following:

(Other courses may also count toward Criminal Justice elective requirements, if approved by the department chair.)

- CJ 332 Police/Security** **Three credit hours**
This course will survey the historical development and current role of the police in society. It will introduce students to the historical development, uses and abuses, technology, and administration of security systems. Offered Alternate Years.
- PSY 235 Psychology of Childhood** **Three credit hours**
A study of the development of children from conception to adolescence. The biological factors and social forces that affect the growing child are dealt with, as are cognitive and moral development, learning, maturation and family relationships. Prerequisite: Psychology 131. FALL SEMESTER
- PSY 237 Psychology of Adolescence** **Three credit hours**
The psychology of behavior arising from problems peculiar to the transitional period between childhood and maturity. Prerequisite: PSY 131. Fall and/or Spring Semesters.
- SOC 230 Intergroup Relations** **Three credit hours**
An analysis of viewpoints, processes, and basic factors underlying problems of adjustment between divergent racial and/or cultural groups. Offered Alternate Years
- SOC 238 Social Problems** **Three credit hours**
A sociological treatment of contemporary social problems. Offered Alternate Years
- SOC 239 Sex Roles** **Three credit hours**
Explores the importance of gender in understanding the self, social institutions, society and social change. Offered Alternate Years
- SOC 330 Sociology of Law** **Three credit hours**
The purpose of this course is to analyze the role of law as an agency of social control, and its relationship to other societal institutions. Special emphasis will be placed on the social functions of courts, judges, and the legal profession. Law will be viewed as reflecting cultural values and behaviors. Offered Alternate Years

SOC 337 Sociology of the Black Community	Three credit hours
An analysis of the structure and functioning of the black community as a social system. Offered Alternate Years	
SOC 338 Deviant Behavior	Three credit hours
Emphasis on the creation of deviance by society and the impact on groups and individuals. Offered Alternate Years	
SOC 431 Social Psychology	Three credit hours
Problems, concepts, and methods in the study of social interaction and interpersonal influence. (Same as Psychology 431)	

CURRICULUM FOR CRIMINAL JUSTICE MAJORS

Freshman Year			
Fall Semester	Credit Hours	Spring Semester	Credit Hours
LS 130	3	SPE 130	3
CSC 131	3	RHC 192	3
RHC 191	3	FRE 132	3
LANGUAGE I	3	MTH 132	3
MTH 131	1	HED 121	2
ORT 110	<u>1</u>	P.E. 011	<u>1</u>
	16		15
Sophomore Year			
LS 235	3	LS 134	3
LS 135	3	PHI 131	3
ENG 230	3	CJ 235	3
SOC 131	3	CJ 237	3
CJ 131	<u>3</u>	GEN ED ELECT	<u>3</u>
	15		15
Junior Year			
PSY 233	3	LS 332	3
CJ 235	3	SOC 432	3
CJ 339	3	CJ 339	3
CJ ELEC	3	GEN ED ELEC	<u>6</u>
GEN ED ELEC	<u>3</u>		15
	15		
Senior Year			
CJ ELEC	3	SOC 436	3
SOC 436	3	ECON 231	3
GEN ED ELEC	3	GEN ED ELEC	<u>9</u>
CJ 237	3		15
HIS ELEC	<u>3</u>		
	15		

Total Hrs. 122

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- HISTORY 239 Plantation Societies In The Americas** **Three credit hours**
 This course examines the central role played by plantation agriculture in the history of the Americas from the sixteenth century to the end of the nineteenth century. How and why this single institution of production led to the formation of a single complex of economic, social, political, and cultural patterns in Brazil, Spanish South America, the Caribbean, and North America are the basic questions this course will attempt to resolve.
- HISTORY 330 American Colonial Civilization** **Three credit hours**
 The study of an underdeveloped area and the economic, political, and religious life of the different colonies; the contributions of the various immigrants. Prerequisites: History 135 and 136. Offered in alternate years.
- HISTORY 333 Diplomatic History Of The United States** **Three credit hours**
 A study of the foreign policy of the United States government. Emphasis is on wars, crises, territorial expansion, peculiarities of the American position in world politics, and the formation of basic policy decisions. Prerequisites: HIS 135 and HIS 136. Recommended for political science majors and prelaw students.
- HISTORY 334 The American Revolution and the Federal Period:
1776-1820** **Three credit hours**
 The United States during the formative years of the early republic from the War of Independence to the so-called era of good feeling. Considerable attention devoted to the creative personalities of the period. Prerequisites: History 135 and 136. Offered in alternate years.
- HISTORY 336 Emergence of Modern America: 1865-1914** **Three credit hours**
 A study of the revolutionary changes in American life from the end of the Civil War to the close of the nineteenth century, the failure of Reconstruction, the origins of racial segregation, America's emergence as an industrial giant. Prerequisites: History 135 and 136. Offered in alternate years.
- HISTORY 337 West Africa** **Three credit hours**
 An examination of selected topics in West African history, including the Sudanic empires, the slave trade, the development of coastal states, European conquest and types of colonial rule, the struggle for independence, and challenges of development. Offered in alternate years.
- HISTORY 338 African-American History I** **Three credit hours**
 A survey of African-American history from its beginnings in the British North American Colonies to Reconstruction. Prerequisite: None.
- HISTORY 339 African-American History II** **Three credit hours**
 A survey of African-American history from Reconstruction to the present. Prerequisite: None
- HISTORY 339 Early Modern Europe: 1350-1789** **Three credit hours**
 A study of radical social change in Europe from the late Middle Ages to the eve of the French Revolution. Renaissance and Reformation; political absolutism and the Enlightenment. Prerequisite: History 131 and 132. Offered in alternate years.

HISTORY 391 Historiography**Three credit hours**

An introduction to the methods of historical research, the more prominent philosophies of history, and an investigation of the work of outstanding historians. History majors will develop senior paper proposals. A writing intensive course. Required of all history majors and social studies education majors. Should be taken Spring Semester of junior year.

HISTORY 392 Women's History**Three credit hours**

This course will explore the social, economic, and political movements of American women over four centuries. African-American, Native American, and European American women will be studied. Prerequisites: HIS 135 and HIS 136 or Permission of instructor.

HISTORY 393 History Of The United States In The Twentieth Century**Three credit hours**

This course examines economic, social, political, and cultural changes that have occurred in the United States since 1914.

HISTORY 430 Nineteenth Century Europe: 1789-1914**Three credit hours**

A study of Europe from the French Revolution to the outbreak of World War I. The rise of romantic nationalism, liberal democracy, industrialism, and imperialism. Prerequisites: History 131 and 132. Offered in alternate years.

HISTORY 431 Twentieth Century Europe**Three credit hours**

A study of World War I and its consequences; economic, social, and cultural change between the wars; the rise of totalitarian dictatorships and World War II; post-war reconstruction, the Cold War, and the current situation in Europe. Prerequisite: History 132. Offered in alternate years.

HISTORY 432 Southern Africa**Three credit hours**

An examination of selected topics in Central and Southern Africa, including migrations, pre-European culture, European expansion, concessionaire company and settler domination, racism, African liberation movements, and the status of present conflicts. Offered in alternate years.

HISTORY 433 The Old South**Three credit hours**

Political, economic, social, and cultural forces in the evolution of the period 1820-1860. Prerequisite: History 135. Offered in alternate years.

HISTORY 434 The New South**Three credit hours**

Southern history from the end of Reconstruction to the present. A consideration of contemporary regional problems. A study of the South both in relationship and contrast to national development. Prerequisite: History 136. Offered in alternate years. Recommended for students concentrating in urban studies.

HISTORY 435 Northern Africa**Three credit hours**

An examination of selected topics in the history of North, North-East, and East Africa, including the beginnings of the human race, ancient civilizations of Egypt and Kush, trading civilizations of the Mediterranean and the Indian Ocean, Christian and Islamic influences, migrations, Ethiopian feudalism, European colonialism, and modern national revolutionary movements. Offered in alternate years.

HISTORY 436-437 Topics in History**Three credit hours each**

Various special topics which permit advanced work in different fields of historical study.

HISTORY 439

Internship

Three credit hours

A supervised internship in a professional work environment designed to give students practical experience as well as knowledge and skills in a relevant professional field. Students are responsible for a minimum of 120 hours of work and must complete a paper on their work activities and experience. Prerequisite: Permission of instructor.

HISTORY 491

Senior Paper

Three credit hours

Production of senior paper. Research, writing, and oral defense of the paper. A writing intensive course. Required of all history and social studies education majors. Should be taken Fall Semester of senior year. Prerequisite: History 391.

FOUR-YEAR SUGGESTED CURRICULUM
FOR HISTORY MAJORS

Freshman Year			
Fall Semester	Credit Hours	Spring Semester	Credit Hours
LS 130	3	CSC 131	3
RHC 191	3	RHC 192	3
MTH 131 (or higher)	3	MTH 132 (or higher)	3
FRE or SPA	3	FRE or SPA	3
PED (010-119)	1	HED 121	<u>2</u>
ORT 110	<u>1</u>		15
	14		
Sophomore Year			
LS 135	3	HUM Elective	3
LS 235	3	ENG 230	3
SPE 130	3	HIS 136	3
HIS 135	3	LS 237	3
HIS 131	3	HIS 132	<u>3</u>
PED (010-119)	<u>1</u>		15
	16		
Junior Year			
POL 131	3	SOC 131	3
HIS Electives	6	ECO 231	3
General Electives	<u>6</u>	HIS 391	3
	15	HIS Electives	<u>6</u>
			15
Senior Year			
HIS 491	3	HIS Electives	6
HIS Electives	6	General Electives	<u>11</u>
General Electives	<u>7</u>		17
	16		

Total Hrs. 122

POLITICAL SCIENCE

The curriculum in political science is designed to prepare students for civic participation, graduate or professional study, private or public employment, or teaching. For a major in political science, the student is required to complete thirty-six (36) credit hours of course work in political science. For a minor the student is required to complete eighteen (18) credit hours of course work in political science. Political Science 131 and 230 are required of all majors and minors and are prerequisite to electing other courses in the political science curriculum; these prerequisites may be waived with the consent of the instructor. Political science majors are also required to take the following Political Science courses: 330, 333, 334, 335, 398, 431, 434, and 499. These courses are recommended for minors. A minimum grade of C must be earned in courses that count toward the major.

Introductory courses in economics, history, sociology, and a statistics course (either Math 136 or Social Science 233) are also required for all political science majors. Students may satisfy the language requirement by taking six credit hours of French or six credit hours of Spanish.

POL. 131 American Government **Three credit hours**
A study of the development, structure, and operation of the American political system. Fall and Spring

POL. 230 Introduction to Political Analysis **Three credit hours**
An introductory study and application of the concepts and methods necessary for an analysis of the political system. Prerequisite: POL 131

POL. 231 State and Local Politics **Three credit hours**
A study of politics and administration at the sub-national level. Emphasis on the social, economic, and legal setting of state and local governments in the American federal system. Topics include intergovernmental relations, fiscal problems, and services delivery. Offered in Alternate years. Prerequisite: POL 131.

POL. 330 Public Administration **Three credit hours**
A study of the formulation of public policy, organization and management, and problems of personnel and finance. Prerequisite: POL 131; POL 230. Offered in alternate years.

POL. 331 Law and Politics **Three credit hours**
This course is an introduction to the American legal system, focusing on its political context and significance. It sketches the structure and functioning of the federal court system, and then explores the courts' impact both on individuals who seek to vindicate their rights through litigation, and on those who become involved with the criminal justice system. Special attention is devoted to the history and role of the legal profession in America. Offered in alternate years. Prerequisite: POL 131.

POL. 332 Third World Politics **Three credit hours**
A study of the politics and problems of selected countries in Africa, Asia, and Latin America. Topics include social and economic development strategies of poor countries; South-South cooperation; North-South relations. Prerequisite: POL 131

- POL. 333 Comparative Political Systems** **Three credit hours**
 A comparative analysis of various political systems in the developed and developing countries. Emphasis on the parliamentary system (as modified) and the American Presidential system. Prerequisite: POL 131. Offered in alternate years.
- POL. 334 International Relations** **Three credit hours**
 An analysis of the international political system, including the distribution of power among states in the international system, the manner in which states try to increase their capabilities, and the various mechanisms for conflict adjustment.
- POL. 335 Political Theory** **Three credit hours**
 A study of classical and modern political thought exploring the great questions of justice, freedom, and equality, and alternative forms of government. Prerequisite: POL 131 and 230.
- POL. 339 Black Political Thought** **Three credit hours**
 A study of the development of black political thought in the U.S. The course is designed to critically examine and evaluate various themes, perspectives, and approaches in black political thinking and behavior as they emerged in the writings and activities of leading black figures and movements from the 19th century to present. Prerequisite: POL 131 or Instructor's permission.
- POL. 398 Research Methods** **Three credit hours**
 The study and application of basic research materials and methods in political science. Emphasis on understanding advantages and disadvantages of various research methods, and building facility in reading and evaluating different types of studies. A writing and speaking intensive course, preparatory for senior paper project. Required for all majors. Should be taken Fall Semester of junior year. Prerequisites: Statistics (Math 136 or Social Science 233); POL 131; POL 230.
- POL. 431 Policy Analysis**
 This course examines the concepts, approaches, processes, issues, and problems involved in policy-making and implementation, as well as the methods, techniques and strategies for the analysis and evaluation of the impact of policy and program outcomes in public and private organizations or institutions. Prerequisite: POL 131; POL 230.
- POL. 432 Seminar in American Politics** **Three credit hours**
 In-depth study of selected institutions and processes of American politics, such as Congress, the presidency, political parties and the electoral process. Prerequisite: POL 131.
- POL. 433 International Organization** **Three credit hours**
 A study of the nature and role of international law and the operations of the United Nations and various regional and functional organizations. Prerequisite: POL 334.
- POL. 434 Foundations of Constitutional Law** **Three credit hours**
 This course surveys the historical development of American constitutionalism from its beginnings until 1900. Emphasized are the framing of the Constitution and different approaches to its meaning; the origins and rationale of judicial review; evolving doctrines of judicial self-limitation; and early cases on race relations. Prerequisite: Junior standing or instructor's consent.

POL. 435 Civil Rights and Civil Liberties **Three credit hours**
This course surveys modern Supreme Court cases in four subject areas: racial discrimination; gender discrimination; freedom of speech; and presidential powers. Selected students will participate in a moot court exercise. Prerequisite: Constitutional Law I or instructor’s consent.

POL. 436 Bureaucracy **Three credit hours**
A critical examination of the problems, structures and practices in large modern organizations with particular emphasis on the American bureaucracy using empirical case studies of both public and private organizations. Offered in alternate years. Prerequisites: POL 131; POL 230 or Instructor’s Permission.

POL. 437 Foreign Policy **Three credit hours**
A study of the foreign policy behavior of nation states, with a critical investigation into the formulation and implementation of foreign policy. Special emphasis on American foreign policy. Prerequisite: POL 334.

POL. 439 Internship **Three credit hours**
A supervised internship in a professional work environment designed to give students practical experience as well as knowledge and skills in a relevant professional field. Students are responsible for a minimum of 120 hours of work and must complete a paper on their work activities and experience. Enrollment by permission of the instructor.

POL. 491 Special Topics in Political Science **Three credit hours**
Advanced reading, papers, and discussions on selected topics in political science. Topics are determined by the instructor. Enrollment by permission of the instructor (may be repeated for credit).

POL. 499 Senior Paper **Three credit hours**
Production of senior paper. Data collection, analysis and interpretation; revision and defense of the paper. Independent study format. Should be taken in Fall Semester of senior year. Prerequisites: POL 131, POL 230, POL 398.

FOUR-YEAR SUGGESTED CURRICULUM FOR POLITICAL SCIENCE MAJORS

Freshman Year			
	Credit		Credit
Fall Semester	Hours	Spring Semester	Hours
LS 130	3	CSC 131	3
RHC 191	3	RHC 192	3
MTH 131 (or higher)	3	MTH 132 (or higher)	3
FRE or SPA	3	FRE or SPA	3
PED (010-119)	1	HED 121	2
ORT 110	1	SPE 130	3
PHI 131 or REL 131 or PHI 233	3		17
	17		

Sophomore Year

POL 131	3	POL 230	3
LS 135	3	LS 235	3
POL 333	3	POL 333	3
HIS 135	3	HIS 136	3
PED (010-119)	<u>1</u>	MTH 136 or SOC 233	<u>3</u>
	13		15

Junior Year

LS 237	3	ART 231 or MUS 131	3
ENG 230	3	SOC 131	3
POL 335	3	POL 330	3
POL 398	3	General Elective	3
ECO 231	3	POL 434	<u>3</u>
POL 431	<u>3</u>		15
	18		

Senior Year

POL 499	3	POL Electives	3
POL Electives	<u>11</u>	General Electives	<u>10</u>
	14		13

Total Hrs. 122

THE SOCIAL SCIENCE MAJOR (SOCIAL STUDIES EDUCATION)

The social science major, consisting of forty-two credit hours of course work in the social sciences, is designed basically to accommodate two categories of students: (1) those who are prospective social studies teachers and (2) those who are seeking a general background in the social science area. Students choose the concentration that is most appropriate for them.

Goals of Social Studies Education

To help students become complete human beings who can contribute to the development of society.

To ensure that students will acquire an understanding of the social, political, geographical, economic, and historic forces operating in society.

To provide in-depth preparation in history and the social sciences.

To train effective teachers by providing for the development of the skills required to formulate teaching objectives, use resources, select content, use effective teaching strategies, evaluate learning outcomes, and interact with students, parents, and others.

To promote a love of learning that can be transferred to students.

CONCENTRATION 1. Social Studies Education.

Students electing the social studies education concentration are required to complete History 131-132, History 135-136, Economics 231, Political Science 131, Sociology 131, six credit hours of electives in history, and nine credit hours of electives from the other combined disciplines (economics, political science, and sociology). Students must also meet the university senior paper requirement by completing History 391 and 491.

The prospective teacher should meet with the Coordinator of Social Studies Education for a list and sequence of required education courses. One such required course is Social Science 336, Materials and Methods in High School Social Studies; this requirement is in addition to the forty-two hours in the social sciences described above. Students must also take six credit hours of electives of their own choice.

Students desiring certification-only for social studies education, without earning a social science major at Johnson C. Smith University, must fulfill the same requirements described here under Concentration 1.

CONCENTRATION 2. General Social Science.

Students electing the general social science concentration are required to complete twenty-one credit hours of course work in one of the major areas of the social science division (economics, history, political science, or sociology) and twenty-one credit hours in the remaining three areas combined. The required hours must include the following introductory courses: Economics 231, Liberal Studies 331-332, Political Science 131, and Sociology 131. Students must also complete the senior paper requirement for the primary area; credit hours for courses related to the senior paper count toward the twenty-one hour requirement for the primary area. Students must also take six credit hours of electives of their own choice.

SOCIAL SCIENCE

SOCIAL SCIENCE 233 Statistics for the Social and Behavioral Sciences

Three credit hours

The application of descriptive and inferential statistics to data in the social and behavioral sciences. Emphasis on data classification, data reduction, the normal distribution, z scores, probability, hypothesis testing, z test, t test, statistical power. Prerequisites: Mathematics 131 and 132. (Same as Psychology 233, Sociology 233)
FALL SEMESTER

SOCIAL SCIENCE 336 Material and Methods in High School Social Studies

Three credit hours

Concerned with the philosophy, aims, methods, and techniques of teaching the social studies in secondary school. This course is a prerequisite for student teaching in the field of social studies. Offered upon demand.

SOCIAL SCIENCE 490 Social Science Seminar

Three credit hours

A course designed to help students to achieve a synthesis of social science knowledge. Conducted by selected members of the division faculty. Open to juniors and seniors, open to non-majors by permission of the staff. Offered for credit in students' chosen areas of concentration. (Same as Sociology 490.)

CURRICULUM FOR SOCIAL STUDIES EDUCATION MAJOR

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
LS 130	3	RHC 192	3
RHC 191	3	LANG	3
LANG	3	MTH 132	3
SPE 130	3	HED 121	2
MTH 131	3	PSY 131	3
ORT 110	1	Elective	<u>3</u>
PED	<u>1</u>		17
	17		

Sophomore Year

LS 135	3	POL 131	3
ENG 230	3	HIS	3
PED (010-119)	1	PSY 239	3
EDU 220	2	SOC.SCI. Elective	3
PSY 237	3	HIS	3
HIS 131	3	LS 235	<u>3</u>
HUM Elective	<u>3</u>		18
	18		

Apply for admission to Teacher Education program the second semester of the Sophomore Year.

Junior Year

EDU 312	1	EDU 296	3
EDU 330	3	Soc. Sci. Elective	3
EDU 395	3	HIS 136	3
HIS 135	3	HIS 391	3
SOC 131	3	ECO 131	<u>3</u>
Gen. Ed. Elective	<u>3</u>		15
	16		

Senior Year

CSC 131	3	EDU 492	<u>12</u>
SSC 336	3		12
HIS 491	3		
HIS Elective	3		
Soc. Sci. Elective	<u>3</u>		
	15		

Total Hours 128

CURRICULUM FOR GENERAL SOCIAL SCIENCE MAJOR

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
RHC 191	3	CSC 131	3
LANG	3	RHC 192	3
SPE 130	3	LANG	3
MTH 131	3	MTH 131	3
ORT 110	1	HED 121	2
PED (010-119)	1	HUM Elective	<u>3</u>
LS 130	<u>3</u>		17
	17		

Sophomore Year

LS 235	3	POL 131	3
LS 135	3	HIS 132	3
ENG 230	3	SOC 131	3
HIS 131	3	HIS 136	3
HIS 135	3	Elective	<u>3</u>
PED (010-119)	<u>1</u>		15
	16		

Junior Year

ECO 231	3	Primary Elective	3
Primary Elective	3	Secondary Elective	3
Primary Elective	3	Historiography	3
Secondary Elective	3	Electives	<u>6</u>
Secondary Elective	<u>3</u>		15
	15		

Senior Year

Senior Paper	3	Primary Elective	3
Primary Elective	3	Secondary Elective	3
Secondary Elective	3	Electives	<u>6</u>
General Ed. Electives	<u>6</u>		12
	15		

Total Hours 122

SOCIOLOGY

The program of instruction in Sociology is designed to enrich the general liberal education of students and to provide preprofessional and pregraduate training for those students who wish to qualify for service-delivering positions requiring no graduate professional education, to enter related professional fields for which there is no required professional sequence, and to enhance and to make more meaningful their participation as citizens.

A major in Sociology consists of thirty-three credit hours of course work, including Sociology 131, 432, 433, 434, 436 and 490. Students are

also required to take Economics 231, Political Science 131, and LS 237. A statistics course is also required but does not count toward the thirty-three hours in Sociology. A grade of C or better is required in each Sociology course submitted for fulfillment of the major. A minor in Sociology consists of eighteen credit hours of course work, including Sociology 131. Students may also take Criminal Justice courses to satisfy sociology requirements. Sociology 131 is a prerequisite for enrollment in all other courses comprising the Sociology curriculum.

SOCIOLOGY 131 Principles of Sociology **Three credit hours**
An introduction to the viewpoints, basic concepts, and methods of sociology. FALL AND SPRING

SOCIOLOGY 133 Introduction to Cultural Anthropology **Three credit hours**
A survey of the various processes and conditions involved in cultural growth and change. Offered in alternate years.

***SOCIOLOGY 230 Intergroup Relations** **Three credit hours**
An analysis of viewpoints, processes, and basic factors underlying problems of adjustment between divergent racial or cultural groups. Offered in alternate years.

SOCIOLOGY 231 Medical Sociology **Three credit hours**
This course will provide a sociological analysis of (1) the social processes affecting conditions of health and disease and (2) the cluster of social relationships and organizations that comprise the institution of medicine. Offered in alternate years.

SOCIOLOGY 233 Statistics for the Social and Behavioral Sciences **Three credit hours**
The application of descriptive and inferential statistics to data in the social and behavioral sciences. Emphasis on data classification, data reduction, the normal distribution, z scores, probability, hypothesis testing, z test, t test, statistical power. Prerequisite: Mathematics 136 or its equivalent. (Colisted as Psychology 233, Social Science 233.)

SOCIOLOGY 234 Introduction to Gerontology **Three credit hours**
The survey of biological, psychological and sociological perspectives and research relevant to the study of human aging. (colisted as SWK 234)

***SOCIOLOGY 238 Social Problems** **Three credit hours**
A sociological treatment of contemporary social problems. Offered alternate years. FALL SEMESTER.

SOCIOLOGY 239 Sex Roles **Three credit hours**
Explores the importance of gender in understanding the self, social institutions, society, and social change. Offered in alternate years.

***SOCIOLOGY 330 Sociology of Law** **Three credit hours**
The purpose of this course will be to analyze the role of law as an agency of social control, and its relationship to other social institutions. Special emphasis will be placed on the social junctions of courts, judges, and the legal profession. Law will be viewed as a reflection of sociocultural values. Offered in alternate years.

SOCIOLOGY 331 The Family **Three credit hours**
An examination of the structures and functioning of the family as a social institution. Offered in alternate years

- SOCIOLOGY 332 Urban Sociology** **Three credit hours**
 A study of the growth, the ecology, the social processes, the organization, and the problems of the urban community. Offered in alternate years.
- SOCIOLOGY 333 Social Stratification** **Three credit hours - elective**
 An examination of the ways in which societies differ in terms of their systems of internal differentiation.
- SOCIOLOGY 335 The Sociology of Religion** **Three credit hours**
 A functional analysis of the interrelationships involving society, culture, and religion. The role of the church in the social order and social change. (Same as Religion 335.) Offered in alternate years
- SOCIOLOGY 336 Sociology of Work and Occupations** **Three credit hours**
 The study of the critical importance of work to the individual and society; historical and social changes in occupations. Offered in alternate years.
- SOCIOLOGY 337 Sociology of the Black Community** **Three credit hours**
 An analysis of the structure and the functioning of the black community as a social system. Offered in alternate years.
- *SOCIOLOGY 338 Deviant Behavior** **Three credit hours**
 Emphasis on individual behavior patterns in society. Examination of the social and psychological principles underlying sociopathic behavior. Offered in alternate years.
- SOCIOLOGY 431 Social Psychology** **Three credit hours**
 Problems, concepts, and methods in the study of social interaction and interpersonal influence. (Same as Psychology 431.)
- SOCIOLOGY 432 Social Research I** **Three credit hours**
 An introduction to the techniques, and methods of scientific inquiry (part I). Prerequisite: Nine credit hours of sociology or consent of instructor. This course must be completed with a grade of C or better before enrolling in SOC 490. Spring
- SOCIOLOGY 433 Social Research II** **Three credit hours**
 An intensive study of research procedures with special emphasis on qualitative research and preparation for the Senior Investigative Paper.
- SOCIOLOGY 434 The Developments of Social Theory** **Three credit hours**
 An analysis of the emergence and development of sociological theory. Fall. Prerequisite: SOC 131
- SOCIOLOGY 436 Internship in CJ and Sociology** **Three credit hours**
 Through placement in a criminal justice agency or social service agency, students will put into practice concepts, methods and theories learned in course work. Students will work 120 hours at an agency during a semester. Course may be taken twice. Prerequisite: CJ 131 or SOC 131. Offered Every Semester.
- SOCIOLOGY 490 Sociology Seminar** **Three credit hours**
 Designed to help students achieve a synthesis of social science knowledge. Students will write an investigative paper on a topic of their own choosing (Senior Year).
- SOCIOLOGY 494 Special Topics in Sociology and Anthropology** **Three credit hours**
 Advanced study of special topics and Anthropology. May be repeated for a total of twelve hours.

CURRICULUM FOR SOCIOLOGY MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
LS 130	3	CSC 131	3
RHC 191	3	RHC 192	3
MTH 131	3	MTH 132	3
SPA or FRE	3	SPA or FRE	3
P.E. Activity	1	P.E. Activity	1
ORT 110	<u>1</u>	HED 121	<u>2</u>
	14		15

Sophomore Year

LS 235	3	LS 237	3
LS 135	3	SOC Elective	6
SOC 131	3	SPE 130	3
ENG 230	3	GENERAL ED EL	<u>3</u>
HUM ELEC	3		15
General Ed Elective	<u>2</u>		
	17		

Junior Year

SOC 434	3	SOC 432	3
SOC Elective	3	SOC Elective	3
PSY 233	3	ECO 231	3
POL 131	3	General Ed. Elective	<u>6</u>
GEN ED ELEC	<u>3</u>		15
	15		

Senior Year

SOC 436	3	SOC ELEC	3
SOC Elective	6	General Edu. Electives	9
General Ed. Elective	1	SOC 490	<u>3</u>
SOC 433	3		15
HIS ELEC	<u>3</u>		
	16		

Total Hrs. 122

PROGRAM IN AFRICAN-AMERICAN AND AFRICAN STUDIES

The Program in African-American and African Studies (PAAS) provides students with a broad and indepth knowledge of the Black Experience, that is, the experiences of all peoples of African descent, including the historical, economic, geo-political, and socio-cultural perspectives. The program has an interdisciplinary focus; and it is open to students in all majors and who may wish to pursue academic and/or career goals in African-American and African Studies, or related fields.

The major objectives of the program are to:

- (1) provide students with a general knowledge of various inquiry/ analytical skills, paradigms, and methodologies that would enhance their personal, intellectual, social, and intercultural development necessary for understanding and analyzing issues and problems relating to the Black experience;
2. assist students in examining the meaning, objectives, scope, and implications of Black Studies as a distinct scholarly discipline that focuses on the challenges and contributions of Black people to human civilization;
3. foster a sense of personal identity and self-esteem necessary for meeting human challenges and realizing possibilities through the development of intellectual/academic, as well as global intercultural/multicultural potentials for individual and societal development;
4. create/promote opportunities for intellectual and socio-cultural self-development among students and faculty, through research and educational exchange programs in the United States and/or abroad.

PROGRAM REQUIREMENTS

Students in all university majors who wish to minor in the AAS will be required to complete 18 credit hours of specified courses with an overall grade point average of at least 2.5 in these courses. Students are also required to meet all other university general education requirements, as appropriate.

The program's curriculum for the minor is as follows:

CORE COURSES (9 credit hours - Required for the minor)

AAS 231 Introduction to African-American and African Studies (Three credit hours)

This is an introductory course that focuses on the methodologies, history, and significance of Black Studies in the study of the Black Experience.

Prerequisites: LS 130: Identify: Citizen and Self; African-American Culture.

HISTORY 237 Introduction to Africa (Three credit hours).

HISTORY 338 Black History in the United States (Three credit hours).

ELECTIVE COURSES (9 credit hours)

ARTS AND LITERATURE (Three credit hours from this section)

MUSIC 130 Introduction to African-American Music (Three credit hours)

ART 134 Afro-American Art History (Three credit hours).

JOURNALISM/GRAPHIC ARTS 330 Afro-American Press (Three credit hours).

RELIGION 330 The Black Man: His Religious Institutions and Thought (Three credit hours).

ENGLISH 494 Afro-American Literature (Three credit hours).

HISTORY (Three credit hours from this section)

HISTORY 238 Modern Latin America (Three credit hours).

- HISTORY 337 West Africa (Three credit hours).
 HISTORY 432 Southern Africa (Three credit hours).
 HISTORY 433 Old South (Three credit hours).
 HISTORY 434 New South (Three credit hours).
 HISTORY 435 From the Pharaohs to National Revolutions (Three credit hours).

SOCIAL AND HEALTH SCIENCES (Three credit hours from this section)

- ECONOMICS 433 Economic Development in Underdeveloped Countries, especially Africa (Three credit hours).
 MANAGEMENT 437 Special Topics in Management: Managing Minority Business (Three credit hours).
 POLITICAL SCIENCE 332 Third World Politics (Three credit hours).
 POLITICAL SCIENCE 339 Black Political Thought (Three credit hours).
 PSYCHOLOGY 335 Selected Topics in Psychology: Black Psychology (Three credit hours).
 SOCIOLOGY 337 Sociology of the Black Community (Three credit hours).
 HEALTH EDUCATION 322 Minority Health Problems and Issues (Three credit hours).

SPECIAL TOPICS (Three credit hours from this section)

- AAS 495 Special Topics in African-American and African Studies Three credit hours
 Advanced study of special topics in African-American and African Studies, usually on an interdisciplinary basis.

FIELD EXPERIENCE

From time to time, and subject to availability of funds, approval shall be granted for students and faculty members to undertake some excursions and/or field research trips, or to enable them to participate in conferences related to the program. Also, subject to availability of funds, student/faculty exchange programs shall be sponsored to enable students and faculty members to have field/academic experiences in other institutions in the United States and/or abroad for varying periods not exceeding one semester at a time. Students selected to participate in the field experience would be able to take courses (including a foreign language, such as Swahili, French, Spanish, German, Russian, etc.) at another institution of higher education, and the credit hours for such courses shall, subject to approval, be transferable to Johnson C. Smith University.

PROGRAM IN INTERNATIONAL AFFAIRS

The program in international affairs is an interdisciplinary program, open to students in all majors, designed to train students in the practical skills of systematic inquiry, languages and the cultures of other nations, as well as the history and theory of international relations. The major objectives of the program include the following:

- (1) to provide a formal program of study in the history and theory of international relations, and introducing the various approaches to the analysis of international relations;
- (2) to encourage students to pursue advanced study and to prepare them in the practical skills and leadership which are believed to be requisite for success in graduate school and professional life;

- (3) to encourage students to pursue academic and professional careers in international affairs; and
- (4) to provide international educational experiences for the University community at large.

PROGRAM REQUIREMENTS

Students in the program are required to maintain an overall grade point average of 3.0 and complete all the requirements in an established major and complete the following program course and portfolio requirements.

Course Requirements (15 hours)

Core Courses (6 hours, required of all students)

POLITICAL SCIENCE 334 International Relations
ECONOMICS 334 International Economics

Group Options (9 hours)

Group I - American Foreign Policy

HISTORY 136 History of the United States since 1865, or
POLITICAL SCIENCE 131 American Government
HISTORY 332 Diplomatic History of the United States, 20th Century
POLITICAL SCIENCE 437 Foreign Policy

Group II - Developing Regions, Africa

HISTORY 237 Introduction to Africa
POLITICAL SCIENCE 332 Third World
HISTORY 337 West Africa
HISTORY 432 Southern Africa

Group III - Developing Regions, Latin America

POLITICAL SCIENCE 332 Third World
HISTORY 436 Latin America
SPANISH 232 Intermediate Spanish
FRENCH 232 Intermediate French

Group IV - International Relations, General

POLITICAL SCIENCE 332 Third World
POLITICAL SCIENCE 333 Comparative Political Systems
POLITICAL SCIENCE 433 International Organization

Portfolio Requirements

International Affairs Forum. The program offers a visiting scholars program and a number of co-curricular activities, such as simulations in international affairs. Students in the program are required to participate in these activities.

Research Methodology. The program requires students to develop an understanding of and appreciation for inquiry and research. This experience may be acquired through coursework in the student's major

department, courses in mathematics and computer science or work in faculty research projects and research internships. The program faculty has the responsibility of assuring that students have had an acceptable amount of research training.

Field Experience and Language Training. The program requires students to complete a minimum of six weeks of study travel abroad, intensive foreign language training, or a combination of both. Students may complete this requirement by participating in a University sponsored study-travel experience, a study-travel experience sponsored by another institution, or participation in an approved faculty project.

Language Competence. Students must complete foreign language with a minimum grade of C or the equivalent study of a foreign language. However, students are encouraged to pursue foreign language studies during their entire tenure at the University.

PRE-LAW MINOR

Law schools are seeking young men and women with analytical minds who can think clearly and logically and then express themselves both orally and in writing.

The Association of American Law Schools advises the pre-law student to "major in the field in which he is most interested and do as well as he can in all his subjects." The pre-law minor is designed to prepare students for admission to and success in law school.

Pre-Law Curriculum

Students will be required to complete 18 credit hours of specified courses, maintain a 2.5 GPA and satisfy all other requirements which may be proposed by the Pre-Law Committee, approved pursuant to University procedures and instituted in the future. Successful completion of the Minor will be recognized on the student's transcript.

Required Courses

- | | | |
|-----------------|--|---------------------------|
| *Law 230 | Introduction to Legal Studies | Three Credit Hours |
| | Basic information about the legal system, its history and current structure: introduction to legal research, reading current structure: introduction to legal research, reading and writing; field experiences. Offered alternate semesters. | |
| PHI 233 | Practical Logic | Three Credit Hours |
| | A survey of the basic problems of clear and strategic thinking with emphasis on their application to the use of language. Prerequisite: Philosophy 131. Fall and Spring Semesters | |
| POL 435 | Civil Rights and Civil Liberties | Three Credit Hours |
| | This course surveys modern Supreme Court cases in four subject areas: racial discrimination; gender discrimination; freedom of speech; and presidential powers. Selected students will participate in a moot court exercise. Prerequisite: Constitutional Law I or Instructor's Permission. Offered Alternate Years. | |

Pre-law Electives

Electives will be chosen, with guidance from pre-law advisors, from among the following content and skills course.

Content Courses

- BUS 335 The Legal Environment of the Firm** **Three Credit Hours**
This course deals with contracts, torts, Business organization and special topics. Prerequisite: RHC 192.
- JGA 339 Special Topics in Journalism: Media Law** **Three Credit Hours**
Advanced study in professional practices in journalism and graphic arts. Prerequisite: Instructor's Permission.
- POL 131 American Government** **Three Credit Hours**
A study of the development, structure, and operation of the American political system. Every Semester.
- POL 331 Law and Politics** **Three Credit Hours**
A study of the American legal system's changing political context and political impact.
- POL 434 Constitutional Law** **Three Credit Hours**
This course surveys the historical development of American constitutionalism from its beginnings. Emphasized are the framing of the Constitution and different approaches to its meaning; the origins and rationale of judicial review; evolving doctrines of judicial self-limitation; and early cases on race relations. Prerequisite: POL 131. Offered Alternate Years
- HCP 590 Life in the Law** **Three Credit Hours**
Intensive study of legal career patterns; information on common experiences, attitudes and behaviors of law students, attorneys, clients and judges.
- CPOL 491 Law and Society** **Three Credit Hours**
The course focuses on such areas as the relation between law and morality, obligation to obey the law, civil disobedience, equality and preferential treatment, the law of criminal attempts, the insanity defense, and the theories and justification of punishment, including capital punishment.
- HIS 135 History of the United States to 1865** **Three Credit Hours**
A study of the United States from its European background to 1865.
- HIS 136 History of the United States Since 1865** **Three Credit Hours**
A study of the United States from the conclusion of the Civil War to the present. Prerequisite: None. Spring Semester.
- CJ 131 Introduction to Criminal Justice** **Three Credit Hours**
This course is designed to introduce the student to the criminal justice system in America. It will provide a comprehensive survey of current theories and practices in the criminal justice process. Included in the course will be a study of the principle functions and roles of four major components—legislative bodies, law enforcement agencies, courts and correctional institutions. It will highlight contemporary issues in each phase of the process. Fall and Spring Semesters.

SOC 330 Sociology of Law**Three Credit Hours**

The purpose of this course will be to analyze the role of law as an agency of social control, and its relationship to other social institutions. Special emphasis will be placed on the social functions of courts, judges and the legal profession. Law will be viewed as a reflection of sociocultural values. Prerequisite: SOC 131. Offered Alternate Years

Skill Courses**RPHI 432 Critical Thinking****Three Credit Hours**

The course studies fallacies and errors in reasoning which occur most frequently in discussion and argument. It concentrates on actual arguments given in ordinary language.

ACC 235**Three Credit Hours**

A study of fundamental accounting principles with emphasis on managerial use of accounting data and analysis of financial statements. Prerequisite: MTH 132 or 137

ENG 391 Advanced Composition**Three Credit Hours**

Use of literature as a basis for writing themes and developing oral and written communication skills. Emphasis on specialized kinds of writing. Review of the business letter and English fundamentals. Mastery of the techniques of research, using the MLA Style sheet as a guide. Recommended for all students who wish to increase their proficiency in oral or written composition.

SPEECH 330 Speaking in the Professions**Three Credit Hours**

Practice in preparing and presenting various types of speeches expected of professional people and in planning and conducting public discussions. Practice in parliamentary procedure.

DIVISION OF LIFELONG LEARNING

The Division of Lifelong Learning offers both credit and non-credit courses to non-traditional, adult students (22 years of age or older). Its programs and classes represent teaching and public service functions, within the competencies of faculty and staff, and according to community needs.

Whether a person is beginning college for the first time or returning after a period of home or family duties, we want to share any educational skills possessed by the University with the community and neighborhoods surrounding it. If individuals qualify for college work and are willing to commit themselves to the required studies, they are invited to participate. The heart of the University's message is that talent in our community must be recognized and nurtured. As stated in our institutional purpose, "—the University embraces its responsibility to provide leadership, service and Lifelong Learning to the larger community."

The Division carries out this message by:

- 1) Assessing the educational and training needs and interests of adults in the Charlotte area through surveys and other forms of community contact;

- 2) Offering credit courses evenings and weekends, either on a degree-seeking or non-degree seeking (initially) basis; and,
- 3) Conducting the credit courses either on campus or on an extended campus basis, either at corporate sites or at public facilities.

The University also has a cooperative program in Adult Basic Education and GED Preparation (for a high school diploma) in cooperation with Central Piedmont Community College. These programs, offered to the public tuition-free, are conducted two evenings a week and according to the Community Colleges' scheduled terms.

THE COLLEGE OF PROFESSIONAL STUDIES

The College of Professional Studies prepares students to enter professional life as informed citizens who are able to communicate effectively, think critically, and demonstrate competence in their field of study. The College offers programs that combine liberal studies with specialized career-oriented training to prepare students for entry-level positions, in education, government, and industry, immediately upon graduation. Additionally, students are provided opportunities to sharpen their analytical skills, and further develop leadership and interpersonal skills essential to professional career success.

The College of Professional Studies is comprised of the Departments of Business Administration and Economics, Communication Arts, Education, Health and Physical Education, and Computer Science and Engineering. Students may earn the Bachelor of Arts, Bachelor of Science, or Bachelor of Social Work degree. Some departmental programs are designed to prepare students for graduate and professional studies. Students may major in:

- Business Administration
- Communication Arts
- Economics
- Elementary Education
- Health Education
- Physical Education
- Computer Engineering
- Computer Science/Information Systems
- Computer Science/Engineering
- Social Work

DEPARTMENT OF BUSINESS ADMINISTRATION AND ECONOMICS

Johnson C. Smith, through its Department of Business Administration and Economics, is accredited by the Association of Collegiate Business Schools and Programs to offer the following business degrees:

- The Bachelor of Science in Business Administration (B.S.) with Concentrations in Accounting, Banking and Finance, Management and Marketing
- The Bachelor of Arts in Economics

The Department of Business Administration has a fourfold purpose: first, to guide students in understanding the operation of business and economic systems and to stress the interrelation among the various social sciences; second, to prepare students for entry level jobs in profit and nonprofit-making organizations; third, to provide a broad background for majors who intend to pursue graduate studies in economics, business, and other related fields; fourth, to develop leadership qualities in students that are necessary for making a constructive contribution to society through a chosen vocation.

In addition to the Liberal Studies requirements, each student is expected to complete 49 hours of business core courses, including one 3 hour international course offered by the business department. A minimum grade of C must be earned in all core courses and courses which count toward the major. All business administration and economics majors must complete the business administration core sequence.

Business Administration Core Courses

A major in either business administration or economics requires the completion of a core of 49 hours of business courses which represent the foundation disciplines in organizations. The required core courses are:

Accounting 235-236	6 hrs.	Management 333	3 hrs.
Economics 231-232	6 hrs.	Business 335*	3 hrs.
Business 233	3 hrs.	Marketing 331	3 hrs.
Business 234	3 hrs.	Management 334	3 hrs.
Business 330	3 hrs.	Business 339	3 hrs.
Business 433	3 hrs.	Business 460	3 hrs.
Business 410	1 hr	Business 435	3 hrs.

*Accounting majors are required to take Business 336 (Elements of Business Law) in place of Business 335 (Business Law: The Legal Environment of the Firm). They may take Business 335 as an elective. Non Business and Economics majors may take either course.

BUS 233 Business Statistics (New Title)
Economics 233 (Old Title) **Three credit hours**
Principles of applied business statistics, collection, tabulation, classification, presentation of business and economic data. Prerequisite: Math 132 or 137

BUS 234 Quantitative Methods in Business **Three credit hours**
An introduction to the process and analytical decision-making tools used in business (service and manufacturing) and economics. Topics include: introduction to operation management, linear programming, inventory management, project planning and control (Pert, Crp and Cpm), forecasting and others. Prerequisites: BUS 233, or permission of instructor.

BUS 330 Business Finance**Three credit hours**

An introduction to the basic concepts of financial management, focusing on the financial environment and markets, financial analysis, risk, the valuation process, capital budgeting, time value of money, working capital management, and international markets. Prerequisites: ACC 236 and ECO 231

BUS 335 Legal Environment of Business Ethics**Three credit hours**

A study of the legal settings of business organization including ethical consideration of managers, shareholders and consumers. Topics covered include torts, contracts, consumer credits, corporations, employer-employee relationship etc.

BUS 336 Elements of Business Law**Three credit hours**

Deals with the elements of law especially relevant to students who will take the CPA Exam. Prerequisite: RHC 192.

BUS 339 Management Information Systems**Three credit hours**

An overview of various business information systems with special emphasis on information solutions in business problems. The impact of these solutions in various corporate levels will be analyzed. Prerequisites: ACC 235 & 236, ECO 231 & 232, CSC 131, Junior standing or permission of instructor.

BUS 410 Professional Preparation**One credit hour**

This course will provide help in surfacing, organizing, and assessing information that will be useful in job hunting efforts, as well as coaching in resume writing, interviewing skills, image building, and action planning. Prerequisite: Senior Standing

BUS 433 Business and Economic Research**Three credit hours**

An examination of various issues and topics from the perspective of business and economics including problem formulation, literature review, research and analytical design, data collection and analysis of data. This course will culminate with the completion of an investigative paper in BUS 460. Prerequisites: BUS 233.

BUS 435 Business Policy**Three credit hours**

This course deals with the administration process under conditions of uncertainty. Emphasis is placed on integrating knowledge acquired in the functional areas of business administration in formulating management policies.

BUS 460 Senior Paper**Three credit hours**

Students will write an investigative paper based upon the research proposal developed in the prerequisite course. The paper will be done under the supervision of a faculty person. Prerequisite: BUS 433.

ECONOMICS

A Bachelor of Arts Degree in Economics requires the completion of a minimum of 122 hours. This includes 47 hours of Liberal Studies requirements, 49 hours of the Business Administration core, and 18 hours of Economics courses in addition to the core courses. In addition, 8 hours of electives are required.

REQUIRED COURSES (IN ADDITION TO GENERAL EDUCATION REQUIREMENTS AND CORE)

Economics 335	3 hrs.	Economics 432	3 hrs.
Economics 336	3 hrs.	Banking and Finance 331	3 hrs.
Economics 437	3 hrs.	Economics 438	3 hrs.

ECONOMICS 231-232 Principles of Economics **Three credit hours each**
An introductory course in principles and theories of economics. Prerequisite: English 192 and Math 132 or 137

ECONOMICS 332 Urban and Regional Economics **Three credit hours**
An analysis of the various theories of regional and urban development. Prerequisite: ECO 232.

ECONOMICS 333 Economic Development of the United States **Three credit hours**
A study of the economic history of the United States during the twentieth century. Prerequisite: Economics 232.

ECONOMICS 334 International Economics and Social Problems **Three credit hours**
A comprehensive view of the international field of exchange, production, and distribution. Prerequisite: ECO 232.

ECONOMICS 335 Microeconomic Theory **Three credit hours**
Examination of value and distribution theory, including the theory of consumer behavior and theory of the firms. Prerequisite: ECO 231 and 232.

ECONOMICS 336 Macroeconomic Theory **Three credit hours**
An analysis of the national income level, employment and price level. Prerequisite: Economics 335.

ECONOMICS 431 Industrial Organization and Regulation of Business **Three credit hours**
A discussion of market structures and problems of public policy created by the attempt at their control and regulation. Prerequisite: Economics 336.

ECONOMICS 432 Economic Development **Three credit hours**
A study of the economics of underdeveloped countries. Major concentration on African countries. Prerequisite: Economics 335 and 336 or permission.

ECONOMICS 437 Public Finance **Three credit hours**
An economic analysis of the rationale for public expenditures and taxation. Externalities, pollution and public policy, income redistribution and public welfare, and cost benefit analysis, taxation and state policy, state and local finance and fiscal federalism. Prerequisite: ECO 232 or By Permission of Instructor

ECONOMICS 438 Environmental Economics **Three credit hours**
This course will focus on the use of economics in understanding pollution, congestion, conservation, and other environmental problems. Relevant economic models such as pricing schemes, damage functions, and benefit-cost analysis will be studied. Pollution taxes, regulations, marketable permits and subsidies considered in designing alterations in the incentive system will also be studied as well as non-market decision making as an alternative in the area of public policy. Prerequisite: ECO 232 or By Permission of Instructor

ECONOMICS 490 Internship **Three credit hours**
Internship related to Economics. Minimum of 120 hours of on-the-job experience designed to bridge the gap between the academic world and the business world. Student must have an overall grade point average of 2.0. Prerequisite: Six hours of Business Administration courses. Only one period of internship for credit is permitted.

CURRICULUM FOR ECONOMICS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
RHC 191	3	RHC 192	3
LS 130	3	CSC 131	3
For. Lang.	3	For. Lang.	3
MTH 131	3	LS 135	3
ORT 110	1	MTH 132 or 137	3
PED (Activity)	<u>1</u>	HED 121	<u>2</u>
	14		17

Sophomore Year

LS 235	3	ACC 236	3
PHI or REL	3	SPE 130	3
ECO 231	3	ECO 232	3
ENG 230	3	BUS 335	3
PED (010-119)	1	Elective	<u>3</u>
ACC 235	<u>3</u>		15
	16		

Junior Year

LS 237	3	MAR 331	3
BUS 233	3	BUS 234	3
BUS 330	3	BUS/BAF 331	3
MGT 333	3	MGT 334	3
Elective	<u>2</u>	ECO 335	<u>3</u>
	14		15

Senior Year

BUS 339	3	BUS 460	3
ECO 336	3	ECO 432	3
BUS 433	3	Electives	3
International Course	3	BUS 435	3
BUS 410	1	ECO 438	<u>3</u>
BUS 437	<u>3</u>		15
	16		

BUSINESS ADMINISTRATION

The courses offered in the Business Administration Curriculum provide specialized concentration in four areas: Accounting, Banking and Finance, Management, and Marketing. Each student is required to choose one area of concentration.

ACCOUNTING

A Bachelor of Science Degree in Business Administration with a concentration in Accounting requires the completion of a minimum of

122 hours. This includes 47 hours of Liberal Studies requirements, 46 hours of the business administration core, a 3 hour international course, and 21 hours of Accounting in addition to the core courses. In addition, 5 hours of electives are required.

Students planning to major in Accounting should register for Accounting 235 in the fall semester of their sophomore year, in order to maintain a proper sequencing in their accounting courses. Failure to do so may require more than four years to complete the course requirements.

REQUIRED COURSES (IN ADDITION TO GENERAL EDUCATION REQUIREMENTS AND CORE)

Accounting 335	3 hrs.	Accounting 435	3 hrs.
Accounting 336	3 hrs.	Accounting 437	3 hrs.
Accounting 337	3 hrs.	Accounting 439	3 hrs.
Accounting 339	3 hrs.		

ACCOUNTING 235 Principles of Accounting (I) **Three credit hours**
A study of fundamental accounting principles with emphasis on managerial use of accounting data and analysis of financial statements. Prerequisite: MTH 132 or 137.

ACCOUNTING 236 Principles of Accounting (II) **Three credit hours**
A study of basic accounting theory, corporate reporting, and a continuation of the topics covered in Accounting 235. Prerequisite: Accounting 235.

ACCOUNTING 335 Intermediate Financial Accounting (I) **Three credit hours**
An analysis of the requirements of the members of a firm’s external environment for financial data of the organization. Prerequisite: Accounting 236.

ACCOUNTING 336 Intermediate Financial Accounting (II) **Three credit hours**
A continuation of the subject matter of AC 335, including examples involving public sector firms. Prerequisite: Accounting 335.

ACCOUNTING 339 Cost Accounting **Three credit hours**
The study of basic principles, practices, and procedures of cost accounting including coverage of job order costing, process cost accounting, managerial profit planning and analysis, and budgeting. Prerequisite: Accounting 236.

ACCOUNTING 435 Advanced Accounting **Three credit hours**
An in-depth study of corporate accounting. Includes an analysis and evaluation of the structure and use of financial statements and reports, including consolidated statements. Prerequisite: Accounting 336.

ACCOUNTING 436 CPA Review **Three credit hours**
Problems of accounting peculiar to examination leading to CPA Certificate. Prerequisite: Accounting 435.

ACCOUNTING 437 Federal Income Tax Analysis I **Three credit hours**
An analysis of Federal Income Taxation and its application to individual and organizations. Prerequisite: Accounting 336.

ACCOUNTING 438 Federal Income Tax Analysis II **Three credit hours**
A continuation of AC 437. Emphasis is given to the issues of estates, trusts, and inheritance taxes. Prerequisite: Accounting 437.

ACCOUNTING 439 AuditingThree credit hours

A study of the purposes and scope of audits and examinations, auditing standards, various types of audits, and the form of auditing reports. Prerequisite: Accounting 336.

ACCOUNTING 490 InternshipThree credit hours

Internship related to Accounting. Minimum of 120 hours of on-the-job experience designed to bridge the gap between the academic world and the business world. Students must have an overall grade point average of 2.0. Prerequisite: Six hours of Business Administration courses. Only one period of internship is permitted.

CURRICULUM FOR ACCOUNTING CONCENTRATION

Freshman Year			
Fall Semester	Credit Hours	Spring Semester	Credit Hours
RHC 191	3	RHC 192	3
LS 130	3	CSC 131	3
For. Lang.	3	For. Lang.	3
MTH 131	3	LS 135	3
ORT 111	1	MTH 132 (or higher)	3
PED (Activity)	<u>1</u>	HED 121	<u>2</u>
	14		17

Sophomore Year			
LS 235	3	ACC 236	3
PHI or REL	3	SPE 130	3
ECO 231	3	MGT 333	3
ENG 230	3	ECO 232	3
PED (Activity)	1	Elective	<u>3</u>
ACC 235	<u>3</u>		15
	16		

Junior Year			
LS 237	3	MAR 331	3
BUS 233	3	BUS 234	3
BUS 330	3	ACC 336	3
ACC 335	3	MGT 334	3
BUS 339	3	ACC 337	<u>3</u>
ACC 339	<u>3</u>		15
	18		

Senior Year			
ACC 437	3	International Course	3
ACC 435	3	ACC 439	3
BUS 433	3	BUS 460	3
BUS 335	3	Elective	3
BUS 410	<u>1</u>	BUS 435	<u>3</u>
	13		15

Total Hrs. 122

BANKING AND FINANCE

A Bachelor of Science Degree in Business Administration with a concentration in Banking and Finance requires the completion of 122 hours. This includes 47 hours of Liberal Studies requirements, 46 hours of the Business Administration core, a 3 hour international course, and 21 hours of Banking and Finance courses in addition to the core courses. In addition, 5 hours of electives are required.

REQUIRED COURSES (IN ADDITION TO GENERAL EDUCATION REQUIREMENTS AND CORE)

Banking and Finance 331	3 hrs.	Banking and Finance 430	3 hrs.
Banking and Finance 332	3 hrs.	Banking and Finance 432	3 hrs.
Banking and Finance 431	3 hrs.	Banking and Finance 339	3 hrs.
Banking and Finance 333	3 hrs.		

BANKING AND FINANCE 231 Personal and Family Finance Three credit hours
An analysis of financial decisions and judgments which the average family must make during a lifetime. Prerequisite: Math 132 or 137.

BANKING AND FINANCE 331 Money and Banking Three credit hours
An examination of money, the U.S. financial system, central banking, monetary theory, stabilization policies, inflation, and international financial considerations. Prerequisite: Accounting 235-236, Economics 231-232.

BANKING AND FINANCE 332 Commercial Bank Mgmt. Three credit hours
An analysis of the theory, issues, and practice of commercial banking from a financial management perspective. Includes the use of bank computer simulation. Prerequisite: Business 330 and BAF 331.

BANKING AND FINANCE 333 Financial Statement Analysis Three credit hours
This course presents the concepts and techniques of financial analysis as employed by the external users of financial statements of publicly traded companies that are prepared according to the Generally Accepted Accounting Principles. The objective of the course is utilizing accounting information in making investing, lending, and other managerial decisions. Prerequisites: ACC 236; ECO 236; BUS 330.

BANKING AND FINANCE 334 International Finance Three credit hours
An introduction to the special financial problems encountered by a business concern or commercial bank operating in the international environment. Emphasis is given to cross-border transactions and risks, international financial markets and institutions, and the financing of foreign trade and operations. Prerequisites: Business 330. Offered in alternate semesters.

BANKING AND FINANCE 339 Risk Management and Financial Planning Three credit hours
This course examines the nature of risk and explores the principles of risk management from individual and business perspectives. The course covers tactics, techniques, and strategies for management of life, health, long-term care, property, liability, and disability risk exposures. Prerequisite: BUS 330

BANKING AND FINANCE 430 Corporate Finance Three credit hours
An advanced study of a firm's financial strategy involving its long and short term investment, financing, and dividend decisions.

BANKING AND FINANCE 431 Investments **Three credit hours**
An investigation of the investment environment and the concepts and practice of security analysis and portfolio management. Includes the use of computer simulation. Prerequisite: Business 330.

BANKING AND FINANCE 432 Financial Institutions and Markets **Three credit hours**
An introduction to money and capital markets, financial intermediation, and bank and non-bank financial institutions as they relate to the supply and demand of loanable funds. Prerequisite: Business 331.

BANKING AND FINANCE 490 Internship **Three credit hours**
Internship related to Banking and Finance. Minimum of 120 hours of on-the-job experience designed to bridge the gap between the academic and the business world. Student must have a minimum overall grade point average of 2.0. Prerequisite: Six hours of Business Administration courses. Only one period of internship is permitted.

CURRICULUM FOR BANKING & FINANCE CONCENTRATION

Freshman Year			
Fall Semester	Credit Hours	Spring Semester	Credit Hours
RHC 191	3	RHC 192	3
LS 130	3	For. Lang.	3
For. Lang.	3	LS 135	3
MTH 131	3	MTH 132 (or higher)	3
ORT 110	1	HED 121	2
PED (Activity)	<u>1</u>	CSC 131	<u>3</u>
	14		17

Sophomore Year			
LS 235	3	ACC 236	3
PHI or REL	3	SPE 130	3
ECO 231	3	ECO 232	3
ENG 230	3	Elective	<u>3</u>
PED (Activity)	1		12
ACC 235	<u>3</u>		
	16		

Junior Year			
LS 237	3	MAR 331	3
BUS 233	3	BUS 234	3
BUS 330	3	MGT 333	3
BAF 331	3	BAF 334	3
MGT 333	<u>3</u>	BAF 332	3
	15	BAF 339	<u>3</u>
			18

Senior Year

BUS 339	3	BAF 432	3
BAF 431	3	BUS 460	3
BUS 433	3	Electives	2
BUS 335	3	BAF 435	3
BAF 430	3	International Course	<u>3</u>
BAF 410	<u>1</u>		14
	16		

Total Hrs. 122

MANAGEMENT

A Bachelor of Science Degree in Business Administration with a concentration in Management requires the completion of a minimum of 122 hours. This includes 47 hours of Liberal Studies requirements, 46 hours of the Business Administration core, a 3 hour international course, and 18 hours of Management courses in addition to the core courses. In addition, 8 hours of electives are required.

REQUIRED COURSES (IN ADDITION TO GENERAL EDUCATIONAL AND CORE REQUIREMENTS)

Management 335	Management 436
Management 336	Management 440
Management 339	Management 434

MANAGEMENT 333 Principles of Management and Organizational Behavior Three credit hours

A study of the management process emphasizing an understanding of the functions of management. Extensive coverage will be given to studying the impact of human behavior in managerial effectiveness including individual and group dynamics, motivation, leadership, teamwork, and interpersonal communication. Prerequisite: Math 131-137.

MANAGEMENT 334 Human Resource Management Three credit hours

A study of human resources management theories, systems, concepts and strategies including employment and retrenchment procedures, training and development, and remuneration. Prerequisite: MGT 333.

MANAGEMENT 335 Leadership and Organizational Change Three credit hours

This course focuses on the influence of leadership, motivation, group dynamics, communications, and change on effective and efficient utilization and development of human resources emphasizing the role of a leader as a change agent. Prerequisite: MGT 333.

MANAGEMENT 336 Business Communication Three credit hours

This course focuses on the nature and problems associated with individual, interpersonal and organizational communication in business. A variety of verbal techniques will be used such as presentations, graphics, public speaking, and writing, to foster effective organizational and individual performances. Prerequisite: MGT 333

- MANAGEMENT 339 Small Business Management** **Three credit hours**
Stresses the importance of small business management, methods, sources, and procedures. Prerequisites: Math 131-137.
- MANAGEMENT 432 Production Control** **Three credit hours**
Development of ability to analyze and to solve production problems and to formulate production policies. Introduction to quantitative techniques in production management. Prerequisite: Management 333.
- MANAGEMENT 434 Management Case Analysis** **Three credit hours**
This course involves the analysis of different business situations and creating a solution for these situations. The case analysis method is a valuable tool in investigating decisions that students will face in the business environment such as expansion decisions, strategic planning, and dealing with competition.
- MANAGEMENT 435 Business Policy** **Three credit hours**
The administrative process under conditions of uncertainty. Emphasis in integrating knowledge acquired in the functional areas of business administration in formulating management policies. Prerequisite: Senior standing and a concentration in one of the Business Administration disciplines.
- MANAGEMENT 436 Organizational Behavior and Design** **Three credit hours**
An analysis of individual and group behavior and organizational structure from the perspective of goal-oriented managers. Prerequisite: Management 333.
- MANAGEMENT 437 Special Topics in Management** **Three credit hours**
Permits groups of students and professor to explore areas not extensively covered in other courses. Prerequisite: Management 333. This course may be repeated for additional credit.
- MANAGEMENT 438 International Business** **Three credit hours**
This course will examine the unique problems faced by firms that engage in International operations. It is expected to provide students with a description and analysis of the mechanics of doing business abroad.
- MANAGEMENT 440 Total Quality Management** **Three credit hours**
This course is a study of a cooperative form of doing business that relies on the talent and capabilities of both labor and management to continually improve customer satisfaction, quality, and productivity using teams. The course focuses on the practice of participative management through the use of an integrated system of tools, techniques, and training measures. Prerequisite: MGT 333.
- MANAGEMENT 490 Internship** **Three credit hours**
Internship related to Management. Minimum of 120 hours of on-the-job experience designed to bridge the gap between the academic world and the business world. Student must have an overall grade point average of 2.0. Prerequisite: Six hours of Business Administration courses. Only one period of internship is permitted.

CURRICULUM FOR MANAGEMENT CONCENTRATION

Freshman Year			
Fall Semester	Credit Hours	Spring Semester	Credit Hours
RHC 191	3	RHC 192	3
LS 130	3	CSC 131	3
For. Lang.	3	For. Lang.	3
MTH 131 (or higher)	3	LS 135	3
ORT 110	1	MTH 132 (or higher)	3
PED (Activity)	<u>1</u>	HED 121	<u>2</u>
	14		17
Sophomore Year			
LS 235	3	ACC 236	3
ECO 231	3	ART/MUS	3
ENG 230	3	PED (Activity)	1
ACC 235	<u>3</u>	ECO 232	3
	12	SPE 130	<u>3</u>
			13
Junior Year			
LS 237	3	MGT 334	3
BUS 233	3	BUS 234	3
BUS 330	3	MAR 331	3
MGT 333	3	BUS 339	3
BUS 335	<u>3</u>	MGT 335	<u>3</u>
	15		15
Senior Year			
BUS 433	3	MGT 436	3
MGT 336	3	BUS 460	3
MGT 339	3	Electives	1
Elective	4	MGT 440	3
International Course	3	MGT 434	3
BUS 410	<u>1</u>	MGT 435	<u>3</u>
	17		16
			Total Hrs. 122

MARKETING

A Bachelor of Science Degree in Business Administration with a concentration in Marketing requires the completion of a minimum of 122 hours. This includes 47 hours of Liberal Studies requirements, 42 hours of the Business Administration core, a 3 hour international course, and 15 hours of Marketing courses in addition to the core courses. In addition, 9 hours of electives are required.

**REQUIRED COURSES (IN ADDITION TO GENERAL EDUCATION REQUIREMENTS, THE CORE, AND THE TECHNICAL MINOR OPTION)
REQUIREMENTS, THE CORE, AND THE TECHNICAL MINOR OPTION)**

Marketing 332	Marketing 432
Marketing 334	Marketing 335
Marketing 350	Marketing 430

MARKETING 331 Principles of Marketing **Three credit hours**
A course designed to show the characteristics, history, and functions related to marketing. Emphasis on product definition, promotion, distribution, and pricing. Prerequisite: Math 131-132.

MARKETING 332 Advertising **Three credit hours**
A course intended to provide an understanding of advertising, its functions in our way of life, and its role in business. Prerequisite: Marketing 331.

MARKETING 334 Principles of Retailing **Three credit hours**
An introduction to the structure of retailing and problems associated with the management of retail stores of various types. Prerequisite: Marketing 331.

MARKETING 335 Fundamentals of Selling **Three credit hours**
A course designed to provide the student with a general survey of the various careers in selling and a thorough study of salesmanship and sales management. Prerequisite: Marketing 331.

MARKETING 350 Consumer Behavior **Three credit hours**
Study of the theories of consumer, with contribution from social sciences, and the implications on human consumption including decision making factors which impact consumer purchasing patterns. Prerequisite: MKT 331.

MARKETING 430 Marketing Channels **Three credit hours**
This course covers channels of distribution, from the Manufacturer (provider) to the wholesaler and retailer. Emphasis is placed on marketing decision areas relating to wholesaling and the overall flow of economic goods and services through these agents. Prerequisite: MKT 331; MKT 334

MARKETING 432 Managerial Marketing **Three credit hours**
An analysis of the nature and work of the marketing manager, who organizes, directs, and controls the various functional specialties of marketing. Prerequisite: Marketing 334.

MARKETING 435 International Marketing **Three credit hours**
A course designed to introduce students to the cultural, institution, political, and economic variables influencing the international marketing environment, the concept of international trade, and a framework for the development and implementation of a multinational marketing strategy. Prerequisite: Marketing 331.

MARKETING 490 Internship **Three credit hours**
Internship related to Marketing. Minimum of 120 hours of on-the-job experience designed to bridge the gap between the academic world and the business world. Students must have an overall grade point average of 2.0. Prerequisite: Six hours of Business Administration courses. Only one period of internship is permitted.

CURRICULUM FOR MARKETING CONCENTRATION

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
RHC 191	3	RHC 192	3
LS 130	3	CSC 131	3
For. Lang.	3	Foreign Lang.	3
MTH 131 (or higher)	3	LS 135	3
ORT 111	1	MTH 137 (or higher)	3
PED (Activity)	<u>1</u>	HED 121	<u>2</u>
	14		18

Sophomore Year

LS 235	3	ACC 236	3
ART/MUS	3	PED (Activity)	1
ECO 231	3	ECO 232	3
ENG 230	3	SPE 130	3
ACC 235	<u>3</u>	MAR 331	3
	15	Elective	<u>3</u>
			16

Junior Year

LS 237	3	International Course	3
BUS 233	3	BUS 234	3
BUS 330	3	BUS 339	3
MAR 332	3	MAR 334	3
MGT 333	<u>3</u>	Elective	<u>3</u>
	15		15

Senior Year

MAR 335	3	MGT 434	3
MAR 350	3	BUS 460	3
BUS 433	3	Electives	2
BUS 335	3	MAR 432	3
BUS 410	1	BUS 435	<u>3</u>
MAR 430	<u>3</u>		14
	16		

Total Hrs. 122

DEPARTMENT OF COMMUNICATION ARTS

The Department of Communication Arts educates students to meet the increasing demand for graduates trained in media production and management. Video and audio production facilities, television and radio stations, newspapers, magazines, public relations agencies, and Internet communications firms seek graduates trained as broadcasters, reporters, editors, photographers, production personnel, and other professionals in communications.

Mass media today have a powerful impact upon the educational and cultural development of American society. Their future vistas are unlimited. They are the most effective means of connecting the learner with the available knowledge of the world.

The Department of Communication Arts has the following goals:

- to render service to society and the local community by training students to be highly competent in various areas of mass media;
- to maintain a reciprocal relationship between Johnson C. Smith University and local radio, television, video production, newspaper, magazines, public relations, and graphic design establishments;
- to develop student talent for job opportunities; and
- to help students develop positive self-images by the accomplishment of work well done.

The Communications Arts program emphasizes hands-on practice and experience in lab classes, on-campus workshops, and off-campus internships. Students typically learn basic skills in the sophomore year and work in the production of programs or publications in on-campus workshops in the junior year. Most students work in internships in communications firms in their senior year. In on-campus workshops, students in Journalism and Graphic Arts produce a student newspaper, students in Public Relations and Marketing Communication produce a professional newsletter and conduct public relations campaigns, and students in Telecommunications operate the campus radio station and create video and audio projects in the campus production facilities. Internships are not required for graduation, although they are strongly recommended for most students. Internships require an advisor's permission, and students who have not developed the requisite skills will not be permitted to register academic credit for internships.

The Department of Communication Arts has the following educational objectives:

- to acquaint the student with media as communication and as art,
- to help the student improve written and verbal communication skills,
- to provide the student with practical experience in media production,
- to provide opportunities for students to gain experience in professional media, and
- to prepare the student for good entry-level jobs in communication fields or graduate or professional school.

The department is firmly committed to participating in the University-wide Learning Across the Curriculum Program. The following courses are usually offered as LAC classes: JGA 337, Journalism and

Graphic Arts Workshop; Media 231; Introduction to Mass Communication; Media 233, Media Writing; Media 331, Junior Seminar; Media 431, Senior Seminar; PUR 333, Public Relations I; and PUR 335, Public Relations II.

The major in Communication Arts consists of forty-two hours from the areas of Media, Journalism and Graphic Arts, Public Relations and Marketing Communication, and Telecommunications. Media 231, Media 233, Media 331 and Media 431 are required for all areas, with other courses required within each of the three professional concentrations of study or by individual contract.

A minimum grade of "C" must be earned in all courses that count toward the 42-hour requirement for the major. A student may take a maximum of 54 hours of Communication Arts courses. A student may substitute up to nine hours of Management or Marketing courses from the Department of Business Administration and Economics for major electives with the permission of the Communication Arts Department. Permission is given when the Management or Marketing courses form an integral part of a student's major program.

The Communication Arts major is extremely popular, and the cost of instruction makes it impossible to meet the demand without restrictions. Consequently, admission to the major is not automatic. To be prepared for internships, students should be taking Communication Arts courses in the first semester of the sophomore year. Before being admitted as a major, a student is advised by department faculty members but has probationary status as a major.

Admission to the major is contingent on acceptance by the Communication Arts faculty who meet late in each semester to decide on the admissibility of students who have completed at least six hours of Communication Arts classes. The decision is based upon reports from instructors on the performance of students in their Communication Arts classes. Accepted students then are advised to declare the major. Students who are not accepted may not declare the major and may not take additional Communication Arts classes. In borderline cases, a student may be continued on probationary status and a decision on admission to the major can be deferred for one additional semester. The faculty also decides on prospective minors based on faculty reports on performance in Communication Arts classes. Students may not accumulate more than twelve hours of credit in Communication Arts classes before being accepted as a major or minor.

Shortly after beginning to take Communication Arts classes, each prospective major decides upon a concentration and plans an individual program of study in consultation with an advisor. Concentrations available are (1) Journalism and Graphic Arts, (2) Public Relations and Marketing Communication, and (3) Telecommunications. In most cases, a student's individual program of study is similar to the "suggested program" for the concentration. In every case, the individual program

includes the department requirements above and the following additional concentration requirements: for Journalism and Graphic Arts—JGA 331, Reporting and JGA 337, Journalism Workshop; for Public Relations and Marketing Communications—PUR 333, Public Relations I, and PUR 335; Public Relations II; and for Telecommunications—TEL 235, Broadcast Operations, and either TEL 236, Audio Production and Programming I or TEL 237, Television Production and Programming I.

Communication Arts majors are preparing for a wide variety of different entry-level jobs, either directly after graduating from Johnson C. Smith University or after advanced study in graduate programs. Consequently, individual programs of study may differ significantly for students within the same concentration, and many individual programs will include courses from outside a student's own concentration. In addition, given the fluctuating and competitive nature of the job market, many students take significant course work in two concentrations to prepare for a wider range of entry-level jobs.

Majors in other programs who are interested in careers related to communications can elect Communications Arts as a minor. The minimum of twenty-one hours required for the minor would be unlikely to provide enough training and experience to make the student a good candidate for jobs, so any minor program must be devised carefully by the student and a Communication Arts advisor.

The Communication Arts Department is committed to making its classes available to minors and to other non-majors throughout the University for whom Communication Arts courses form a relevant part of their programs of study. However, equipment availability limits the size of some classes. The department reserves the right to limit non-major enrollment in classes when a class is not related to a non-major's program of study and/or non-major enrollment would exclude majors from a class in their major programs of study.

JOURNALISM AND GRAPHIC ARTS

- | | | |
|---|-----------------------------------|---------------------------|
| JGA 233 | Photojournalism I | Three credit hours |
| A course in basic still photography and photojournalism. A laboratory fee may be required. | | |
| JGA 234 | Photojournalism II | Three credit hours |
| Advanced course in composition, use of lighting for print and slide photography. Prerequisite: Journalism and Graphic Arts 233. A laboratory fee may be required. | | |
| JGA 235 | Design I | Three credit hours |
| Basic course in visual concepts and design techniques. A laboratory fee may be required. | | |
| JGA 236 | Design II | Three credit hours |
| Advanced course in visual concepts and design techniques for electronic and print media. Prerequisite: Journalism and Graphic Arts 235. A laboratory fee may be required. | | |
| JGA 330 | The African-American Press | Three credit hours |
| A history of the African-American press, including an examination of black newspapers. | | |

JGA 331 Reporting **Three credit hours**
 Development of sound news judgment. Practice in various methods of searching for news, interviewing and fact finding, and techniques of reporting news. Required of students in the Journalism and Graphic Arts concentration. Prerequisite: Media 233.

JGA 332 Feature Writing **Three credit hours**
 Training and extensive practice in writing feature stories for newspaper and magazines. Prerequisite: Media 233.

JGA 333 Editing **Three credit hours**
 Techniques and production processes employed in various types of publications. Copy editing, headline writing, layout and other facets of editing newspapers, with some attention to other types of publications as time permits. Required of students in the Journalism and Graphic Arts concentration. Prerequisite: Media 233.

JGA 337 Journalism and Graphic Arts Workshop **Three credit hours**
 Practical experience in reporting, writing, editing, layout, design, and photography for the student newspaper—editing will be included as substantive material both semesters. Copy editing, headline writing, layout, and other facets of editing newspapers, with some attention to other types of publications, will be covered. May be repeated once for credit if available space permits. The class must be taken once in the fall and once in the spring semester. The two semesters may be taken in either order. Prerequisites: Media 233 and permission of Department.

JGA 319, 329, 339 Special Topics in Journalism and Graphic Arts **One to three credit hours**
 Advanced study in professional practices in journalism and graphic arts—may be repeated for up to six hours of credit if topics are different. Prerequisite: Permission of Department.

JGA 413, 423, 433 Internship in Journalism and Graphic Arts **One to three credit hours**
 Practical experience in publishing and graphic arts in professional organizations. Open only to advanced Communication Arts major and upon the determination by an advisor that the student is prepared for the internship desired. May be repeated for a total of six credit hours. An internship requires forty hours of work time for each hour of academic credit. Prerequisite: Permission of Department.

MEDIA

MEDIA 231 Introduction to Mass Communication **Three credit hours**
 The course presents a survey of the nature, characteristics, and history of the mass communications industries—newspapers, magazines, motion pictures, records, radio, television, Internet communication, public relations and advertising. It also introduces students to professional opportunities in those fields with guest speakers from and field trips to local communication organizations. Required of all Communication Arts majors. Should be taken in the sophomore year.

MEDIA 233 Media Writing **Three credit hours**
 Basic techniques of writing in styles and formats widely employed in the professional media. Required of all majors, preferably in the sophomore year.

MEDIA 331 Junior Seminar**Three credit hours**

The student will formulate a topic, conduct a literature search, and develop a research plan as necessary to write a proposal for a senior investigative paper. The proposal will be presented orally, using audio-visual support when appropriate, and reviewed by at least one reader who is not the instructor, but whose advice will be considered by the instructor in determining the grade. Successful completion of the course requires acceptance of the written proposal. The course requires regular individual meetings with the instructor in addition to scheduled class time. Required of junior Communication Arts majors.

MEDIA 333 Communication Management, Marketing and Research**Three credit hours**

Covers business-side operations in media firms, including advertising, research, marketing, promotions, and sales.

MEDIA 431 Senior Seminar**Three credit hours**

The student will write a senior investigative paper and present it orally, using audio-visual support when appropriate. The paper will be reviewed by at least one reader who is not the instructor, but whose advice will be considered by the instructor in determining the grade. Successful completion of the course requires acceptance of the senior investigative paper by the university. The course requires regular individual meetings with the instructor in addition to scheduled class time. Required of senior Communication Arts majors. Prerequisite: Media 331 and Senior standing.

PUBLIC RELATIONS AND MARKETING COMMUNICATION**PUR 233 Business Writing****Three credit hours**

Techniques of writing in business and other organizational contexts—including letters, reports, studies, and publicity materials. Public Relations students may be advised to enroll in sections taught by faculty members in the Public Relations concentration. Same as English 233.

PUR 333 Public Relations I**Three credit hours**

Training and extensive practice in employee communications, one of the two principal foci of public relations practice. The complementary course, PUR 335, Public Relations II, focuses on media relations. Minor topics in public relations are subdivided between the two courses, which may be taken in either order. Prerequisite: PUR 233, Business Writing; MED 233, Media Writing; or consent of instructor.

PUR 334 Corporate Video**Three credit hours**

Instruction and practice in writing, staging, shooting and editing video productions as commonly used in corporate and public service campaigns. Advanced practice in camera and editing techniques. When possible, students make tapes to be used in public relations campaigns. Prerequisite: TEL 237 or permission of instructor.

PUR 335 Public Relations II**Three credit hours**

Training and extensive practice in media relations, one of the two principal foci of public relations practice. The complementary course, PUR 333, Public Relations I, focuses on employee communication. Minor topics in public relations are subdivided between the two courses, which may be taken in either order. Prerequisite: PUR 233, Business Writing or consent of instructor.

PUR 336 Consumer Behavior**Three credit hours**

A study of human behavior as it relates to the consumption of goods and the use and acceptance of service. The early history, growth and recent trends in consumer psychology will be incorporated into coverage of the characteristics of consumers and consumer decision making. Occupations which apply psychological concepts to the study of consumer behavior will be explored. (Same as Psychology 336).
OCCASIONALLY OFFERED

PUR 337 Public Relations Workshop**Three credit hours**

Practical experience in public relations work, including writing for a professional newsletter, promotional campaigns and other public relations work as available in any semester. May be repeated once for credit if available space permits. Marketing communications is covered in the fall and computer skills in the spring. If the class is taken twice, one semester must be fall and the other spring. Prerequisite: Permission of Department.

PUR 319, 329, 339 Special Topics in Public Relations and Marketing Communication**One to three credit hours**

Advanced study of professional practices in public relations and marketing communication. May be repeated for up to six hours of credit if topics are different. Prerequisite: Permission of Department.

PUR 413, 423, 433 Internship in Public Relations and Marketing Communication**One to three credit hours**

Practical experience in public relations and marketing communication in professional organizations. Open only to advanced Communication Arts majors and upon the determination by an advisor that the student is prepared for the internship desired. May be repeated for a total of six credit hours. An internship requires forty hours of work time for each hour of academic credit. Prerequisite: Permission of Department.

TELECOMMUNICATIONS**TEL 235 Broadcast Operations****Three credit hours**

Introduction to broadcast and cable station and network operations, including management, programming, regulation, ratings, advertising, and sales. Includes attention to public and educational broadcasting, cable services, and new technologies. The class includes guest speakers, field trips, and readings from professional literature. Required for all Telecommunications students. Enrollment may be limited to Telecommunications students when necessary.

TEL 236 Audio Production and Programming I**Three credit hours**

Audio programming practices and production techniques, nature and types of programs, radio and audio formats and strategies, acquiring and scheduling programs, program analysis and criticism. Includes considerable hands-on practices. Telecommunications students are required to take either TEL 236 or 237.

TEL 237 Video Production and Programming I**Three credit hours**

Introduction to video production—writing, recording, performing, and producing. Includes hands-on work as camera operators, directors, editors, and producers for video. Telecommunications students are required to take either TEL 236 or 237.

- TEL 330 Broadcast News Writing and Announcing** **Three credit hours**
 Instruction in gathering information, writing and announcing for radio and television. The focus is mainly on news and public affairs but the course may include attention to other types of programming. Prerequisite: Media 233.
- TEL 332 Audio Production and Programming II** **Three credit hours**
 Advanced study of functions, theory, tools, and techniques of audio production and writing. Students write, perform, and produce in studios and production rooms and in the field. Includes the study of audio equipment and hands-on practice in production techniques. Prerequisite: TEL 236.
- TEL 333 Video Production and Programming II** **Three credit hours**
 Advanced study and practice in video studio and field production, including both technical and creative facets of the work. Writing, producing and editing video projects. Prerequisite: TEL 237.
- TEL 334 Video Postproduction** **Three credit hours**
 Techniques and applications of editing video for broadcast, independent, and corporate productions—includes production of titles and graphics for video. Prerequisite: TEL 237.
- TEL 335 Audio Workshop** **Three credit hours**
 Advanced work in the campus audio facilities. Students conduct all facets of production and operations. With the approval of the instructor, a student may work in a variety of operations roles or concentrate on one function—production, announcing, programming, promotions, research, interviewing, studio or field recording, editing, etc. May be repeated once for credit if space permits. Prerequisites: for Telecommunication students, TEL 235 and at least one of the following: TEL 236 or 330 or MED 333; JGA and PUR students may substitute certain courses from those concentrations' prerequisites at the discretion of the advisor and the instructor. Permission of the Department is also required.
- TEL 337 Video Workshop** **Three credit hours**
 Work on the production of longer form video projects. With the approval of the instructor a student may work in a variety of facets of the production of a show or concentrate on one function—research, writing, interviewing, performance, camera work, editing, etc. May be repeated once for credit if space permits. Prerequisites: for Telecommunications students, TEL 237 or 330; JGA and PUR students may substitute certain courses from those concentrations' prerequisites at the discretion of the advisor and the instructor. Permission of the Department is also required.
- TEL 319, 329, 339 Special Topics in Telecommunications** **One to three credit hours**
 Advanced study in professional practices in telecommunications. May be repeated for up to six hours of credit if topics are different. Prerequisite: Permission of Department.
- TEL 413, 423, 433 Internship in Telecommunications** **One to three credit hours**
 Practical experience in telecommunications organizations. Open only to advanced Communication Arts majors and upon the determination by an advisor that the student is prepared for the internship desired. May be repeated for a total of six credit hours. An internship requires forty hours of work time for each hour of academic credit. Prerequisite: Permission of Department.

JOURNALISM AND GRAPHIC ARTS CONCENTRATION

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
LS 130	3	CSC 131	3
RHC 191	3	RHC 192	3
MTH 131 (or higher)	3	MTH 132 (or higher)	3
For. Lang.	3	For. Lang.	3
LS 135	3	SPE 130	3
ORT 110	<u>1</u>	PED (Physical Activity)	<u>1</u>
	16		16

Sophomore Year

LS 235	3	MAJOR ELECTIVES	3
ENG 230	3	HED 121	2
PED (Physical Activity)	1	ART, MUS, PHI or REL	3
MED 231	3	JGA 233	3
MED 233	3	JGA 332	3
MAJOR ELECTIVES	<u>3</u>	ELECTIVES	<u>3</u>
	16		17

Junior Year

LS 237	3	JGA 235	3
JGA 331	3	JGA 337	3
JGA 337	3	MAJOR ELECTIVES	7
MED 331	3	ELECTIVES	<u>3</u>
ELECTIVES	<u>3</u>		16
	15		

Senior Year

JGA 433	3	JGA 433	3
MED 431	3	ELECTIVES	<u>11</u>
ELECTIVES	<u>6</u>		14
	12		

Total Hrs. 122

PUBLIC RELATIONS AND MARKETING COMMUNICATION
CONCENTRATION

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
LS 130	3	CSC 131	3
RHC 191	3	RHC 192	3
MTH 131 (or higher)	3	MTH 132 (or higher)	3
For. Lang.	3	For. Lang.	3
LS 135	3	SPE 130	3
ORT 110	<u>1</u>	PED (Physical Activity)	<u>1</u>
	16		16

Sophomore Year

LS 235	3	MAJOR ELECTIVES	3
ENG 230	3	HED 121	2
PED (Physical Activity)	1	ART, MUS, PHI or REL	3
MED 231	3	PUR 333	3
MED 233	3	PUR 337	3
PUR 233	<u>3</u>	JGA 235	<u>3</u>
	16		17

Junior Year

LS 237	3	MAJOR ELECTIVES	4
PUR 335	3	JGA 233	3
PUR 337	3	MED 333	3
MED 331	3	PUR 334	3
TEL 237	<u>3</u>	MAR 331	<u>3</u>
	15		16

Senior Year

MGT 333	3	MAR 332	3
MED 431	3	PUR 433	3
PUR 433	3	ELECTIVES	<u>8</u>
ELECTIVES	<u>3</u>		14
	12		

Total Hrs. 122

TELECOMMUNICATIONS CONCENTRATION

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
LS 130	3	CSC 131	3
RHC 191	3	RHC 192	3
MTH 131 (or higher)	3	MTH 132 (or higher)	3
For. Lang.	3	For. Lang.	3
LS 135	3	SPE 130	3
ORT 110	<u>1</u>	PED (Physical Activity)	<u>1</u>
	16		16

Sophomore Year

LS 235	3	MAJOR ELECTIVES	3
ENG 230	3	HED 121	2
PED (Physical Activity)	1	ART, MUS, PHI or REL	3
TEL 235	3	MED 231	3
TEL 237	3	MED 233	3
ELECTIVES	<u>3</u>	TEL 236	<u>3</u>
	16		17

Junior Year

TEL 337	3	MED 331	3
MAJOR ELECTIVES	6	MED 333	3
ELECTIVES	<u>7</u>	ELECTIVES	3
	16	MAJOR ELECTIVES	<u>6</u>
			16

Senior Year

PUR 334	3	MED 431	3
TEL 433	3	TEL 433	3
MAJOR ELECTIVE	3	ELECTIVES	<u>7</u>
ELECTIVES	<u>4</u>		13
	13		

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

The department provides programs in Computer Science/Information Systems, Computer Science/Engineering, and Computer Engineering. The Dual Degree Engineering Program is also included in the department. Department programs are offered to prepare students for competitive careers in information technology, hardware and software development, and graduate studies.

A major in computer science consists of a set of core courses plus additional courses in one of two concentrations. The core courses are: Computer Science 231, 232, 330, 233, 333, 334, and 439. Additional courses must be selected from one of the following two concentrations.

1. Computer Science/Information Systems major.
Computer Science 234, 335, 336, 415, 430, and 438;
Mathematics 136, 235,
Economics 231,
Accounting 235, 236,
Management 333,
Marketing 331,
Business Finance 330.
2. Computer Science/Engineering major.
Computer Science 432, 415, 421 and 430, 431;
Mathematics 236, and 333;
Physics 243 and 244;
Computer Engineering 331, 332, and 434.
Recommended electives are Mathematics and Computer Science 234 and 341.

A minor in computer science consists of eighteen hours of computer science courses and must include Computer Science 231, 232, 330, and 334. It is highly recommended that Computer Science 341 be included as an elective for the Computer Science/Engineering major. Any of the courses required for the major must be passed with a minimum grade of C.

COMPUTER SCIENCE 131 Computers in Society **Three credit hours**
This course provides students with an introduction to computer hardware and software in addition to computer applications such as word processing, spreadsheets, database, power point, and multimedia. The course will also introduce students to the World Wide Web (WWW), students will learn to use a web browser (Netscape) that will allow them to surf the net by simply clicking a mouse button.

COMPUTER SCIENCE 132 Concepts in Computers **Three credit hours**
Topics includes computer components and their functions, applications software, PC software and hardware configurations, programming languages, language syntax and computer programming. Prerequisite: Mathematics 132.

COMPUTER SCIENCE 231-232 Computer Programming I, II **Three credit hours each**
Organization and characteristics of major components of digital computers. Memory organization and addressing techniques, digital representation of data and character codes. Symbolic coding. Syntax of a modern programming language. Design and representation of algorithms. Structured programming techniques. File organization. Computer processing of files and basic data structures. Prerequisite: Mathematics 137 or by consent.

COMPUTER SCIENCE 233 Introduction to Discrete Structures **Three credit hours**
Elements of set algebra. Partitions and counting techniques. Relation, functions and lattices. Boolean algebra. Graphs, trees, and grammars. Basic theory of groups and finite state machines. Applications of these structures in computer science. Prerequisite: Mathematics 235 or 241, and Computer Science 232.

COMPUTER SCIENCE 234 Data Structures and Algorithms **Three credit hours**
Basic concepts of data. Linear list, arrays and strings. Representation of trees and graphs. Hashing, sorting and searching algorithms. Multi-linked structures, files, and storage allocation and collection. Prerequisite: Computer Science 331.

COMPUTER SCIENCE 330 Systems Analysis and Design Three credit hours
 Systems concepts, and tools. Software engineering approach to the analysis and design of systems to meet needs of the organization. Case studies. Prerequisites: Mathematics 236 or 241 and Computer Science 232 or 236.

COMPUTER SCIENCE 333 Computer Organization and Programming Three credit hours
 Computer interconnection structures. Central processing unit, instruction format and execution. Memory organization and addressing techniques. Microprogrammed control, I/O programming and interrupt handling. Assembly language programming. Prerequisite: Computer Science 232.

COMPUTER SCIENCE 334 Introduction to Operating Systems Three credit hours
 Brief history of operating systems. Major functions of modern operating systems including process management, input/output systems, memory management, file and data management. Practical experience with a widely used operating system. Prerequisite: Computer Science 232.

COMPUTER SCIENCE 335-336 Commercial Data Processing I, II Three credit hours each
 Detailed study of COBOL including advanced features. File processing and data base concepts. Program development in a database environment. Prerequisite: Mathematics 137.

COMPUTER SCIENCE 337-338 Introduction to Programming Languages Three credit hours each
 Fundamentals characteristics, syntax and structure of several major programming languages. Formal specification of syntax, data types, operations, subroutine subprograms, statement types, and program structure. Run-time representation of programs and data. Program linkage and data transfer between programs. Prerequisite: Computer Science 232.

COMPUTER SCIENCE 341 Applications Programming I Four credit hours
 Review of file processing techniques and systems concepts. Application of computer programming, systems analysis and systems design concepts to a comprehensive systems development project. Prerequisite: Computer Science 330.

COMPUTER SCIENCE 342 Applications Programming II Four credit hours
 Programming of numeric and non-numeric algorithms for system simulation and performance measurement. Applications to digital communication network systems and distributive data base processing. Prerequisites: Mathematics 136 or 333 and Computer Science 330.

COMPUTER SCIENCE 421-422 Introduction to Theory of Computing Two credit hours each
 Fundamental concepts of automata theory. Finite state and Turing machines. Grammars and parsing techniques. Prerequisite: Computer Science 232 and 233.

COMPUTER SCIENCE 430 Senior Project Three credit hours
 The student will structure a real world problem to solve that addresses state of art and emerging computer science technologies such as Artificial Intelligence, Applications Enabling (CASE), Graphical Interfacing, and social issues. This will require individual investigation and research as well as team programming projects. Each student will be required to produce a culminating investigative paper. Prerequisites: Senior Status and permission of instructor.

- COMPUTER SCIENCE 431 Computer Theory and Logic** **Three credit hours**
 Boolean algebra and applications. Design and functions of gates, flip-flops, registers and memory to perform operations on binary data. Microprocessor architecture, hardware modules and interfacing. Prerequisite: Computer Science 331, 333, and Physics 244.
- COMPUTER SCIENCE 432 Numerical Methods** **Three credit hours**
 Algorithms and computer techniques for numerical solutions of problems in several areas including numerical integration and differentiation, systems of linear equations, zeros of functions and curve fitting. Round-off error analysis. Prerequisite: Mathematics 242, 336 and Computer Science 232.
- COMPUTER SCIENCE 433 Computer Software Organization and design** **Three credit hours**
 Design and implementation of system software including assemblers, loaders, linkers, utilities, and language processors. Systems programming using the C language. Prerequisites: Computer Science 334 and 336.
- COMPUTER SCIENCE 434 Introduction to Compilers** **Three credit hours**
 Grammars and language types. Organization of compilers. Development of algorithms for lexical scanning and recognizers using the C programming. Symbol tables and code generation. Run-time storage organization, error recovery and diagnostics. Prerequisite: Computer Science 433.
- COMPUTER SCIENCE 435 Numerical Analysis II** **Three credit hours**
 Numerical solutions of systems of linear equations. Interpolation and extrapolation methods. Numerical minimization and maximization of functions of several variables. Introduction to optimization techniques. Modeling of some physical and engineering systems. (Includes scientific computer lab experience).
- COMPUTER SCIENCE 436 Topics in Computer Science** **Three credit hours**
 Courses designed to expose students to current and new developments in Computer Science. Prerequisite: Permission of Department.
- COMPUTER SCIENCE 438 Database Processing** **Three credit hours**
 Files and data structures for the database environment. Logical and physical organization of databases. Data models and query languages. Concepts of normal forms, data independences, security, integrity, and concurrency. Prerequisites: Computer Science 330, and 336.
- COMPUTER SCIENCE 439 Data Communications** **Three credit hours**
 Principles of data communications, protocols, and standards - hardware and software. Network topology and applications. Intersystem connectivity and consequences for data and resource sharing. Prerequisites: Computer Science 334.
- COMPUTER SCIENCE 460 Practicum** **Three credit hours**
 This course represents an opportunity for students, under supervision of faculty, to obtain work experience in the areas covered by the department academic programs. This can be implemented through internships and/or research projects. Students are responsible for a minimum of 120 hours of work for internship credit. Prerequisite: Consent of department.

SUGGESTED CURRICULUM GUIDE
COMPUTER SCIENCE/INFORMATION SYSTEMS

Freshman Year

Fall Semester		Spring Semester	
ORT 110	1	HED 121	2
LS 130	3	CSC 132	3
CSC 131	3	MTH 136	3
MTH 137	3	RHC 192	3
RHC 191	3	For. Lang.	3
For. Lang.	3	PED (Activity)	<u>1</u>
PED (Activity)	<u>1</u>		15
	17		

Sophomore Year

Fall Semester		Spring Semester	
LS 135	3	LS 235	3
SPE 130	3	ART 231	3
ECO 231	3	ENG 230	3
MTH 235	3	BUS 330	3
CSC 231	<u>3</u>	CSC 232	<u>3</u>
	15		15

Junior Year

Fall Semester		Spring Semester	
CSC 333	3	CSC 334	3
CSC 335	3	CSC 336	3
LS 237	3	Elective	3
ACC 235	3	ACC 236	3
MGT 333	3	MGT 436	3
Electives (Restricted)	<u>3</u>	Electives (Restricted)	<u>3</u>
	18		18

Senior Year

Fall Semester		Spring Semester	
CSC 330	3	CSC 438	3
CSC 439	3	CSC 234	3
CSC 233	3	CSC 430	3
CSC 341	4	Electives (Restricted)	3
MAR 331	<u>3</u>	Electives (Free)	<u>3</u>
	16		15

Total Hrs. 129

SUGGESTED CURRICULUM GUIDE
COMPUTER SCIENCE/ENGINEERING

Freshman Year

Fall Semester		Spring Semester	
ORT 110	1	LS 134	3
LS 130	3	SPA 132	3
SPA 131	3	MTH 235	3
MTH 138	3	RHC 192	3
RHC 191	3	SPE 130	3
HED 121	2	PED (Activity)	<u>1</u>
PED (Activity)	<u>1</u>		16
	16		

Sophomore Year

Fall Semester		Spring Semester	
MTH 236	3	ENG 230	3
CSC 231	3	CSC 232	3
CSC 233	3	PHY 244	4
PHY 243	4	ART 231	3
LS 235	<u>3</u>	Electives (Restricted)	<u>3</u>
	16		16

Junior Year

Fall Semester		Spring Semester	
LS 237	3	Elective	
MTH 333	3	CSC 432	3
CSC 333	3	CSC 334	3
CE 331	3	CE 332	3
Electives (Free)	3	Electives (Free)	6
Electives (Restricted)	<u>3</u>	Electives (Restricted)	<u>3</u>
	18		18

Senior Year

Fall Semester		Spring Semester	
CSC 330	3	CSC 341	4
CSC 333	3	CSC 421	2
CSC 431	3	CSC 430	3
CSC 439	3	CE 434	3
Electives (Restricted)	<u>3</u>	Electives (Free)	<u>3</u>
	15		15

Total Hrs. 130

COMPUTER ENGINEERING

A major in Computer Engineering consists of a five year program which includes these required courses:

Math 242, 333, 336, 434;

Computer Science 231, 232, 233, 333, 334, 421, 431, 432, 439;

Computer Engineering 331, 332, 421, 422, 431, 433, 434, 435, 436, and 437

Physics 243 and 244,

Chemistry 111, 131, and electives.

A total of 93 hours is required for this major plus one hour for the senior investigative paper.

COMPUTER ENGINEERING 331 Circuit Theory Three credit hours

Kirchoff's laws, DC and AC circuits. Voltage and current sources. Thevenen's and Nortern's theorems, superposition theorem, mesh and loop equations. Delta/star transformations. Introduction to 3-phase circuits. Transient analysis of R-L-C circuits. Series and parallel resonance circuits. Prerequisite: /Corequisite: Physics 244.

COMPUTER ENGINEERING 332 Basic Electronics Three credit hours

An introduction to semiconductor devices. Diffusion theory in semiconductors, p-n junctions, p-n-p and p-n-p bipolar junction transistors. FET's MOSFET's and other kinds of transistors and power transistor devices such as Thyristors, TRIACs, DIACs, etc and introduction to Integrated Circuits (ICs). (Includes basic electronics lab experience). Prerequisite: Computer Engineering 331.

COMPUTER ENGINEERING 421 Advanced Electronics Lab I Two credit hours

Laboratory experiments and projects oriented towards implementation of the senior project. Advanced electronics experiments in digital and analog electronics, telecommunications and networks, microprocessors applications, and digital signal processing. Prerequisite: Computer Science 431, Computer Science 439 (or corequisite), Computer Engineering 431, Computer Engineering 433 (or corequisite).

COMPUTER ENGINEERING 422 Advanced Electronics Lab II Two credit hours

Continuation of the objectives of the Advanced Electronics Lab I Computer Engineering 421. Prerequisite: Computer Engineering 421.

COMPUTER ENGINEERING 431 Network Theory **Three credit hours**

Theory of two-port networks. An introduction to transmission line theory, impedance matching circuits. Techniques of modulation and demodulation of signals. An introduction to electromagnetic waves and antennas. Introduction to optical fiber systems. (Includes telecommunications lab experience). Prerequisite: Computer Engineering 332.

COMPUTER ENGINEERING 432 Advanced Electronics Three credit hours

An introduction to electronic pulse circuits, square wave and sawtooth generators. Feedback circuits, RC oscillators and amplifier circuits, radio frequency oscillators and amplifiers. Operational amplifiers. Analog advanced electronics labs experience. Prerequisite: Computer Engineering 332.

COMPUTER ENGINEERING 433 Digital Signal Processing Three credit hours
Sampling theory, spectrum of sampled signals, pulse code modulation, encoders/decoders, digital modulation techniques, frequency shift keying, phase shift keying, amplitude shift keying, delta modulation. Digitizing video and voice signals. Image compression. Effect of noise on digitized signals. (Includes laboratory experience in digital signal processing lab) Prerequisite: Computer Engineering 432, Mathematics 435.

COMPUTER ENGINEERING 434 Computer Utilization Three credit hours
Basics of computer graphics. An introduction to artificial intelligence. Computer aided design of electronic and computer circuits. Computer utilization in the design of information systems and data networks. An introduction to software engineering. (Includes laboratory experience in the scientific computer lab, the telecommunications and networks lab) Prerequisite: Computer Science 439 (or corequisite), Computer Science 232, Computer Engineering 332.

COMPUTER ENGINEERING 435 Microcomputer Interface Three credit hours
Automated measurements, IEEE 488 parallel bus and RS232 serial standard interface, Appletalk network, token ring, implementation of local area networks, cabling, interference, introduction to wide area networks. Impedance and protocol matching, handshaking, and reflection effect. Prerequisite: Computer Science 431 and 439 (or corequisite), Computer Engineering 433 (or corequisite).

COMPUTER ENGINEERING 436 Automatic Control Systems Three credit hours
Elements in electronic control systems, open and closed loop control systems, feedback systems. Transfer functions for automatic control systems, Nyquist criteria and stability of control systems. Stabilizing phase lead and phase lag circuits. Bode diagrams, DC and AC control systems. Introduction to digital control systems. Using computers in control systems. (Includes lab experience in computerized control systems lab) Prerequisite: Computer Engineering 431, 433.

COMPUTER ENGINEERING 437 Advanced Logic and Microprocessors Three credit hours
Sequential logic, flip flops, computer reliability, computer arithmetic, assembly language programming, the central processing unit, microprocessor architecture, memory organization, input/output, practical microprocessor architectures. Prerequisite: Computer Science 431 and Computer Engineering 432.

**SUGGESTED CURRICULUM GUIDE
COMPUTER ENGINEERING**

Freshman Year

Fall Semester		Spring Semester	
ORT 110	1	MTH 241	4
MTH 138	3	SPA 132	3
SPA 131	3	RHC 192	3
RHC 191	3	Elective	3
LS 130	3	CSC 232	<u>3</u>
CSC 231	<u>3</u>		16
	16		

Sophomore Year

Fall Semester		Spring Semester	
CSC 333	3	CSC 334	3
CHE 131	3	MTH 242	4
CHE 111	1	PHY 244	4
PHY 243	4	MTH 336	3
HED 121	2	PED (Activity)	1
Electives (Restricted)	3	Electives (Restricted)	3
PED (Activity)	<u>2</u>		<u>3</u>
	18		18

Junior Year

Fall Semester		Spring Semester	
LS 235	3	LS 237	3
Electives (Restricted)	4	MTH 434	3
MTH 333	3	CSC 432	3
CSC 431	3	ART 231	3
CSC 331	3	CSC 332	3
PED (Activity)	<u>1</u>	PED (Activity)	<u>1</u>
	17		16

Senior Year

Fall Semester		Spring Semester	
Elective		ENG 230	3
CSC 233	3	CSC 439	3
CE 421	2	CE 422	2
CE 431	2	CE 432	3
Electives (Restricted)	3	Electives (Restricted)	3
Electives (Free)	<u>6</u>	Electives (Free)	<u>3</u>
	17		17

Fifth Year

Fall Semester		Spring Semester	
CE 433	3	CE 434	3
CE 435	3	CE 436	3
CSC 421	2	CE 437	3
Electives (Restricted)	3	Electives (Restricted)	3
Electives (Free)	<u>3</u>	Electives (Free)	<u>3</u>
	14		15

Total Hrs. 164

DUAL DEGREE ENGINEERING PROGRAM

The Dual Degree Engineering Program at Johnson C. Smith University is designed to provide the student with the proper tools for pursuing an engineering career combined with a solid Liberal Studies foundation. A student with a strong background in Mathematics may complete a three year curriculum at JCSU with a concentration in mathematics which contains most of the course normally taken in

the first two years at a typical engineering school. On transfer to an engineering school, the student should be able to complete the engineering degree in three more years. At the end of that time, the student will obtain a Bachelor of Science degree in Mathematics from JCSU and a Bachelor of Engineering degree from the engineering school.

In addition to the Liberal Studies requirements, the following courses are required as part of the dual-degree engineering program at JCSU. Math 241, 242, 341, 434, 333, 336, Physics 243, 244, 331, Chemistry 131, 111, 132 and 112, Computer Science 231 and 232 or equivalent, and Economics 231. It is necessary to take many of these courses in the proper sequence. Thus a student interested in the program should see the program director in the first semester to develop an appropriate schedule of courses. If a student is not ready for Math 241 in the first semester, that person should take it in the second semester or the next summer so that Physics 243 can be started in the fall of the second year.

Currently, JCSU collaborates with the University of North Carolina at Charlotte in offering programs leading to degrees in Civil, Electrical, and Mechanical Engineering. Transfer to UNCC under this program will require either a B or an A in Calculus II (Math 242). A similar arrangement with Florida State University has been established. A suggested curriculum guide for the JCSU part of the program follows. The second part will depend on the particular engineering field and school chosen.

SUGGESTED CURRICULUM FOR ENGINEERS

YEAR 1

Fall Semester	Credit Hours	Spring Semester	Credit Hours
ORT 110	1	RHC 192	3
LS 130	3	For. Lang.	3
RHC 191	3	MTH 242	4
For. Lang.	3	PED Activity	1
MTH 241	4	CSC 231	<u>3</u>
CSC 131	<u>3</u>		14
	17		

YEAR 2

Fall Semester	Credit Hours	Spring Semester	Credit Hours
LS 235	3	HED 121	2
ENG 230	3	Elective	3
PHY 243	4	PHY 244	4
CHE 131	3	CSC 232	3
CHE 111	1	CHE 132	3
PED Activity	<u>1</u>	CHE 112	<u>1</u>
	15		16

YEAR 3

Fall Semester	Credit Hours	Spring Semester	Credit Hours
Electives	3	REL/PHI/ART/MUS	3
PHY 331	3	MTH 434	3
MTH 333	3	MTH 336	3
MTH 341	3	ECO 231	<u>3</u>
SPE 131	<u>3</u>		15
	15		

DEPARTMENT OF EDUCATION

The Department of Education offers a major in elementary education leading to the Bachelor of Arts degree and teacher licensure. The Bachelors degree with teacher licensure at the secondary level may be earned in mathematics, physical education, health, social studies, and English.

While teacher education at Johnson C. Smith University is viewed as an all-university wide function, the Department of Education assumes major responsibility for coordinating all programs. The Teacher Education Committee, composed of representatives from the various academic disciplines and the Vice President for Academic Affairs, formulates specific as well as broad policies that pertain to the best interests of the Teacher Education Program in the University and to recommend such to the Educational Policies Committee. All Teacher Education Programs have appropriate approval of the North Carolina State Department of Public Instruction. The Department of Education is accredited by the National Council for the Accreditation of Teacher Education (NCATE).

REQUIREMENTS FOR ADMISSION TO THE PROGRAM OF
TEACHER EDUCATION

A formal application to enter the program of teacher education should be filed with the head of the Department of Education at the beginning of the first semester of the sophomore year. Transfer students entering the University with junior classification must make application during the first semester in residence. Application forms may be secured from the Department of Education Office.

To be admitted to teacher education, the student must meet the following requirements.

1. Completed forty five (45) semester hours with a cumulative grade point average of at least 2.50
2. Earned at least a grade of "C" in each Liberal Studies Course
3. Earned the state cut off scores on the Praxis tests: PPST Reading, PPST Writing and PPST Mathematics

4. Declared a major and be recommended by the department of the major
5. Completed an interview at the satisfactory level
6. Received a health statement indicating good physical and mental health
7. Recommended by three former professors, one of whom must be in the department of the applicant's major field
8. Completed EDU 220 at the satisfactory level
9. Approved by the Teacher Education Committee

Students who plan to teach in the elementary school, grades K-6, should major in elementary education. Teacher licensure at the secondary school level is available in the following subject areas: mathematics, health education, physical education, English and social studies. Students who plan to teach in the secondary school should select majors and minors from the above areas. It is highly recommended that students prepare to teach two subjects.

REQUIREMENTS FOR ADMISSION TO THE TEACHER EDUCATION PROGRAM FOR LICENSURE ONLY STUDENTS

Students who have a degree from an accredited college or university and wish to pursue a teaching career are encouraged to make formal application to the Teacher Education Program. Requirements for admission to Teacher Education are as follows:

- a. Bachelor's degree from an accredited university with a cumulative grade point average of at least 2.5. If the student does not have a 2.5 GPA at the time of application, then they must attain a 2.5 by the end of the 12 hours of study at JCSU.
- b. Achievement of the state cut off scores on the Praxis tests: PPST Reading, PPST Writing and PPST Mathematics.
- c. Demonstration of proficiency in oral and written communication.
- d. Recommendation of three former professors or employers.
- e. Possession of a health certificate indicating good mental and physical health.
- f. Declaration of a teaching specialty and acceptance in the department of the teaching specialty.
- g. Approval of the Teacher Education Committee.
- h. Approval of the department of the teaching specialty.
- i. Completion of a personal interview and recommendation by the teacher education screening committee.

Licensure-only candidates must meet all admission requirements for admission to teacher education before student teaching. Lateral entry candidates must complete all admission requirements as part of their

program and before they are recommended for licensure. All candidates are urged to complete all admission requirements as early as possible so progress will not be delayed.

PROFESSIONAL EDUCATION

The Department of Education offers the professional education component that is required of all prospective teachers. The courses are offered in the Department of Education and Department of Psychology. Degree seeking students are only allowed to take a maximum of fifty percent (50%) of the professional courses before they are formally admitted to teacher education.

REQUIRED COURSES IN PROFESSIONAL EDUCATION

Teacher certification at all levels requires the following education courses:

EDUCATION 220 Early Experiences in Teacher Education

+PSYCHOLOGY 235 Psychology in Childhood or PSYCHOLOGY 237 Psychology of Adolescence

PSYCHOLOGY 239 Educational Psychology

*EDUCATION 296 Psychology of the Exceptional

*EDUCATION 330 Foundations of Education

+*EDUCATION 394 The Elementary School Curriculum or EDUCATION 395 The Secondary School Curriculum

+*EDUCATION 311 Junior Practicum in Elementary Education or Education 312 Junior Practicum in Secondary Education

+*EDUCATION 491 Student Teaching in Elementary Education or Education 492 Student Teaching in the Secondary School

+Elementary Education majors must take the course designated as Elementary Education and Secondary Education majors must take course designated as Secondary Education.

**Students must be formally admitted to Teacher Education to enroll in these courses.*

Goals and Objectives of the Elementary Education Speciality

The goal of the elementary education program is to prepare prospective elementary teachers to successfully assume their multifaceted roles as elementary educators within schools in our over-changing society. To this end, the program provides the theory, knowledge, and practice needed to help teachers make decisions in each role.

The objectives of the elementary major are to provide prospective teachers with:

1. an understanding of their multifaceted roles as elementary educators;

- 2. a knowledge and understanding of the history, philosophy, and theory that undergirds modern elementary education;
- 3. a knowledge and understanding of human growth and development and its application to developmentally appropriate practices in the elementary schools;
- 4. opportunities to acquire/develop knowledge and skills in planning and implementing developmentally appropriate practices with elementary school children;
- 5. a knowledge and understanding of all content areas of the elementary school curriculum;
- 6. opportunities for practical experiences throughout the program;
- 7. opportunities to acquire/develop critical reading, writing, speaking, thinking and research skills throughout the program;
- 8. an awareness of the need for continual personal and professional growth and development.
- 9. opportunities to develop knowledge and skills to work with elementary school children from diverse populations.
- 10. opportunities to develop knowledge and skills to select, evaluate and use technology to enhance teaching in elementary school classrooms.

CURRICULUM FOR ELEMENTARY EDUCATION (K-6)

(Effective Fall, 2000)

	TOTAL Credit Hours
Liberal Studies	47
Prerequisite	
PSYCHOLOGY 131 General Psychology	3
Professional Education	30
EDUCATION 220 Early Experiences in Teacher Education	
PSYCHOLOGY 235 Psychology in Childhood	
PSYCHOLOGY 239 Educational Psychology	
EDUCATION 296 Psychology of the Exceptional	
EDUCATION 330 Foundations of Education	
EDUCATION 394 The Elementary School Curriculum	
EDUCATION 311 Junior Practicum in Elementary Education	
EDUCATION 491 Student Teaching in Elementary Education	
Elementary Education Specialty	35
EDUCATION 232 Foundations of Childhood Education	
EDUCATION 235 Teaching the Arts in the Elementary School	
EDUCATION 332 Children’s Literature	
EDUCATION 333 Teaching Science in the Elementary School	
EDUCATION 334 Teaching Elementary Social Studies	
EDUCATION 337 Teaching Communication in the Elementary School I	

EDUCATION 338 Teaching Communication in the Elementary School II
EDUCATION 421 Research in the Elementary School
MATHEMATICS 337 Mathematics for Elementary School Teachers I
MATHEMATICS 338 Mathematics for Elementary Teachers II
HEALTH EDUCATION 323 Health Education in the Elementary School
PHYSICAL EDUCATION 321 Physical Education in the Elementary School
HISTORY 231 North Carolina History

Concentrated Study 9

Elementary Education Majors are required to have concentrated study in one or more of the instructional areas of the elementary school curriculum. Students may select an area of study from **one** of the following: 1. Language and Literature, 2. Mathematics, 3. Science or 4. Social Studies. The concentrated area of study must include a minimum of fifteen (15) credit hours. Six credit hours from the required Liberal studies can be used to satisfy the fifteen hour requirement.

Students must select a minimum of nine hours from one of the following areas:
Language and Literature 9 hours
Mathematics 9 hours
Science 12 hours
Social Studies 9 hours

TOTAL HOURS 125

SUGGESTED SEQUENCE OF COURSES IN ELEMENTARY EDUCATION (K-6)

(Effective Fall, 2000)

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
RHC 191	3	RHC 192	3
LS 130	3	PSY 131	3
SPA or FRE 131	3	SPA or FRE 131	3
MTH 131, 137 or 241	3	MTH 132, 138 or 242	3
PED 125	2	CSC 131	3
HED 121	2	ART 131, MUS 131, REL 131,	
ORT 110	<u>1</u>	PHIL 131 or PHIL	<u>3</u>
	17		18

Sophomore Year

LS 135	3	LS 237	3
LS 235	3	HIS 231	3
ENG 230	3	ART 131, MUS 131, REL 131 or	
EDU 220	2	PHI 131	3
PSY 235	3	EDU 232	3
SPE 130	<u>3</u>	PSY 239	3
	17	EDU 235	3
		PED 321	<u>2</u>
			17

Apply for admission to Teacher Education the first semester of the sophomore year.

Junior Year

MTH 337	3	MTH 338	3
EDU 334	3	EDU 330	3
EDU 394	3	EDU 332	3
EDU 337	3	EDU 338	3
EDU 311	1	EDU 296	3
EDU 333	<u>3</u>	EDU 421	<u>2</u>
	16		17

Apply for admission to student teaching during the seventh semester.

Senior Year

Concentration or Elective	3	EDU 491	<u>12</u>
HED 323	2		12
Concentration	3		
Concentration	3		
Concentration	<u>3</u>		
	14		

Total Hrs. 125

A grade of "C" or better is required in each course submitted for fulfillment of the Elementary Education major, concentration and Liberal Studies. The student must have an overall GPA of 2.5 or above.

SUGGESTED SEQUENCE OF REQUIRED PROFESSIONAL EDUCATION AND SUPPORTIVE COURSES FOR SECONDARY MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
Liberal Studies and Electives	<u>15</u>	Liberal Studies and Electives	<u>17</u>
	15		17

Sophomore Year

Liberal Studies, Major, and Electives	12	Liberal Studies, Major, and Electives	15
Education 220	2	Psychology 239	<u>3</u>
Psychology 237	<u>3</u>		18
	17		

Apply for admission to Teacher Education the first semester of the sophomore year.

Junior Year

Liberal Studies, Major and Electives	14	Liberal Studies, Major and Electives	15
Education 395	3	Psychology 296	3
Education 312	<u>1</u>	Education 330	<u>3</u>
	18		18

Apply for admission to Student Teaching during the sixth or seventh semester.

Senior Year

Liberal Studies, Major and Electives	12	Education 492	<u>12</u>
Methods in the area of			12
Specialization	<u>2-3</u>		
	17-18		
			Total Hrs. 132-133

EDUCATION COURSES AND DESCRIPTIONS

- EDUCATION 220 Early Experiences in Teacher Education** Two credit hours

This course is an orientation to the teacher education program, including the procedures for teacher certification. It provides a broad overview of the field of Education. Emphasis will be on issues and trends in education and teaching as a profession. Observations in school settings are required to assist students in exploring teaching as a career option.
- EDUCATION 232 Foundations of Childhood Education** Three credit hours

This course provides the prospective elementary or preschool teacher with knowledge of the history, philosophies and theories that undergird schools and programs for children from birth through grade six. The course will focus on the application of philosophies and theories to contemporary programs.
- EDUCATION 235 Teaching the Arts in the Elementary School** Three credit hours

The course provides extensive learning and exploratory experiences for prospective classroom teachers to comprehend basic principles and elements of the arts. Emphases are on techniques and strategies that integrate the arts with the teaching of other subject areas in the elementary classroom. Exposure and interaction with state-of-the-art technological teaching devices are used to aid and accelerate music and visual arts symbols and terminology.
- EDUCATION 296 Psychology of the Exceptional** Three credit hours

An examination of psychological approaches to understanding exceptional children. Emphasis on applications to educational settings. (Same as Psychology 230) **Prerequisite:** Admission to Teacher Education.
- EDUCATION 311 Junior Practicum in Elementary Education** One credit hour

The Practicum will provide junior year students in elementary education with an opportunity to strengthen their understanding of elementary school programs and to acquire skills and experiences by working directly with children in a classroom setting. This course is taught concurrently with the Education 394. **Prerequisite:** Admission to Teacher Education.
- EDUCATION 312 Junior Practicum in Secondary Education** One credit hour

The Practicum will provide junior year students in secondary education with an opportunity to strengthen their understanding of the secondary school programs and to acquire skills and experiences by working directly with children in a classroom setting. This course is taught concurrently with Education 395. **Prerequisite:** Admission to Teacher Education.
- EDUCATION 330 Foundations of Education** Three credit hours

An examination of the role of the school in society and societal forces that influence education. Includes the historical, sociological and philosophical foundations of education. **Prerequisite:** Admission to Teacher Education.

- EDUCATION 331 Issues and Trends in Education** **Three credit hours**
 An examination of historical and current issues and trends in education. Issues and trends in education will be explored from a global perspective. Work in the course will be reading, writing, speaking, and thinking intensive. This is an elective course open to all sophomores, juniors, and seniors.
- EDUCATION 332 Children's Literature** **Three credit hours**
 This course provides an overview of the range of books for children, genres of children's literature, and a study of the criteria used to evaluate and choose children's books. It also includes history and trends of children's literature. Strategies for sharing books with children and integrating literature throughout the curriculum are included. **Prerequisite: Consent of Education Department.**
- EDUCATION 333 Teaching Science in the Elementary School** **Three credit hours**
 Emphasis on the principles, practices, and procedures of the teaching of science in the elementary school. **Prerequisite: Admission to Teacher Education.**
- EDUCATION 334 Teaching Elementary Social Studies** **Three credit hours**
 This course is designed to prepare elementary teachers to teach social studies in the elementary school. The course will focus on social studies content, pedagogy, technology, diversity issues, standards based education, and field experiences. **Prerequisite: Admission to Teacher Education.**
- EDUCATION 337 Teaching Communication in the Elementary School I** **Three credit hours**
 The first of two courses designed to teach language/literacy in the elementary school. Focus is on the reading process and effective use of methods, techniques and materials in reading instruction. Emphasis is on the integration of the language arts. **Prerequisite: Admission to Teacher Education.**
- EDUCATION 338 Teaching Communication in the Elementary School II** **Three credit hours**
 The second of two courses designed to teach language/literacy in the elementary school. Emphasis is on the integration of reading, writing, listening, speaking, and viewing skills in the elementary language/literacy program. Students are required to work directly with children in a classroom setting. **Prerequisite: Admission to Teacher Education, Education 337.**
- EDUCATION 394 The Elementary School Curriculum** **Three credit hours**
 A study of curriculum, instruction and evaluation in elementary schools. The course will examine philosophies, theories, aims, goals, principles and practices. The course will also include classroom and behavior management. This course is taught concurrently with Education 311. **Prerequisite: Admission to Teacher Education.**
- EDUCATION 395 The Secondary School Curriculum** **Three credit hours**
 A study of curriculum, instruction and evaluation in secondary schools. The course will examine philosophies, theories, aims, goals, principles and practices. The course will also include classroom and behavior management. This course is taught concurrently with Education 312. **Prerequisite: Admission to Teacher Education.**
- EDUCATION 410, 420 Independent Study** **One to three credit hours**
 A planned and structured research project jointly defined by student and faculty. Number of credit hours contingent upon scope of work to be completed. May be taken for credit in early childhood, elementary, or secondary education. **Prerequisite: Consent of Education Department.**

EDUCATION 421 Research in Elementary Education Two credit hours

A study of introductory research methods in the area of elementary education or child development. The student must select a topic for investigation. The student must conduct the research and write the senior paper under the supervision of an advisor and one other faculty member. The investigative paper is a requirement for graduation and it must be completed before admission to student teaching. **Prerequisite: Consent of Education Department.**

EDUCATION 491 Student Teaching in Elementary Education Twelve credit hours

Students are placed in cooperating schools in elementary classrooms for one semester. Activities include directed observation, guided participation, and fulltime classroom teaching. A required two to three hour weekly seminar provides support for the student teaching experience. **Prerequisite: Completion of ALL other degree requirements.**

EDUCATION 492 Student Teaching in Secondary Education Twelve credit hours

Students are placed in cooperating schools in secondary classrooms for one semester. Activities include directed observation, guided participation, and fulltime classroom teaching. A required two to three hour weekly seminar provides support for the student teaching experience. **Prerequisite: Completion of ALL other degree requirements.**

PROFESSIONAL LABORATORY EXPERIENCES

Professional laboratory experiences constitute an essential part of the preparation of teachers. These experiences include all of student's direct school and community relationships which are designed to contribute to the understandings and competencies needed to perform and function as a classroom teacher. These experiences include a planned program of observation with varying degrees of participation as early as possible in the program. Examples of essential participatory activities are observes, school service assistant, instructional assistant, tutor, monitor, and suitable roles in state and community service agencies.

Professional Laboratory Experiences prior to student teaching are categorized as pre-student teaching experiences. Students in Elementary Education are required to complete 100-130 non credit clock hours in pre-student teaching experiences. Eighty-105 non credit clock hours are required of Secondary Education Majors.

STUDENT TEACHING

All Teacher Education Majors are required to satisfactorily complete one full semester of student teaching. The student teaching semester occurs in the senior year and is devoted entirely to student teaching. No student accepted for enrollment in student teaching is permitted to register for any other courses.

Students who wish to do student teaching during the senior year must file an application for student teaching with the Department of Education at the beginning of the semester prior to the one in which student teaching is to begin. Application must be filed by January 20 for the FALL SEMESTER and by September 20 for the SPRING SEMESTER.

ADMISSION TO STUDENT TEACHING

The following requirements must be met prior to student teaching:

1. A cumulative grade point average of 2.50 or better
2. A grade of "C" or better in required courses in education, psychology, and those courses offered in fulfillment of the student's major
3. A grade of "C" or better in each course offered in fulfillment of Liberal Studies
4. Demonstrated proficiency in oral and written communication
5. Completion of all other course (education, Liberal Studies, major and senior paper) requirements for graduation.
6. Approval of the Teacher Education Committee, the Education Department and the department of the student's major
7. Official admittance into the Teacher Education Program at least one full semester prior to the semester in which student teaching is to occur and must maintain continuous membership in the program
8. Possession of a health certificate indicating good mental and physical health.
9. Completion, at the satisfactory level, of the pre-student teaching required hours of professional laboratory experiences
10. Earned the state cut off score on the Praxis tests: PPST Reading, PPST Writing and PPST Mathematics.

Students will be notified by mail of the action taken on their application and of the semester in which they will do student teaching. It is expected that students will devote full time to student teaching.

TEACHER LICENSURE

The University will recommend for initial licensure only those students who have successfully completed the requirements of any of the teacher education programs offered by Johnson C. Smith University and who have met the minimum score requirements on the Praxis II Subject Assessments. Those students who have completed all degree requirements in the Teacher Education Program but have not received licensure will be recommended for licensure only after deficiencies (e.g. successful scores on the Praxis Subject Assessments) have been removed. This requirement must be met within 5 years after graduation. An exception can be made when the applicant has worked at least three of the five years under the supervision of a licensed teacher (e.g. as a teacher's assistant) and has participated in ongoing staff development for 3 consecutive years during this time. This will ensure up-to-date knowledge. Those students seeking renewal of their teaching license are required by the North Carolina Department of Public

Instruction to present renewal credits within five years of the receipt of their last license. For students who have been out of the University for more than five years, an individual plan for renewal will be developed.

The requirements for teacher licensure may be summarized as:

1. Completion of requirements for a degree
2. Completion of an approved teacher education program
3. Credit for successful student teaching in the area of specialization
4. Recommendation of the Department of Education, the Teacher Education Committee and a department of the major.
5. Satisfactory scores on the Praxis II Subject Assessments

Students interested in obtaining teacher licensure in states other than North Carolina will need to plan their program to meet the specific requirements of the given state.

DEPARTMENT OF HEALTH AND PHYSICAL EDUCATION

The Health and Physical Education Department is located in the Jack S. Brayboy Gymnasium. The Department belongs to the College of Professional Studies.

DEPARTMENT OBJECTIVES

1. To prepare students for careers in school health education, health promotion, community health and related areas.
2. To prepare students for careers in teacher education - physical education, sports management and related areas.
3. To give students the opportunity to apply, analyze, synthesize and communicate knowledge, skills and experiences in writing the Senior Paper and in preparing for the Senior Exit Examination.
4. To prepare students for further study in fields of health education and/or physical education.
5. To provide wholesome recreational activities and programs to students, faculty and staff.
6. To provide courses in the Continuing Education Program.
7. To provide services to the University and community by offering clinics, seminars, workshops, fairs and facility rentals.

A student majoring in the Health and Physical Education department can choose from one of the options below.

Health Education:

1. Emphasis in School Health
2. Emphasis in Community Health

Physical Education:

1. Emphasis in Teacher Education
2. Emphasis in Sports Management

Consult the listings on the following pages for required courses and credit hours for each of the major options.

The goals for the major in physical education with emphasis in teacher education are:

1. To provide instruction that will prepare potential teachers to become professional decision makers in our ever changing society and provide them with the necessary tools needed to work with and compete in multifaceted roles.
2. To provide a progressive sequence of experiences and courses based on a sound knowledge base that will produce competent teachers.
3. To create a learning environment that will encourage students to develop positive attitudes, values and personal qualities that will reflect professionalism.
4. To provide a physical environment that reflects pride and facilitates optimum learning.
5. To provide instruction that will promote growth and development in the physical, social, mental, and emotional domains.
6. To provide courses of study that will adequately prepare students to pursue graduate studies.
7. To demonstrate competencies required by the state and national accreditation agencies.
8. To give students the opportunity to apply, analyze, synthesize and communicate knowledge, skills and experiences.
9. To enable students to think (rational thinking, analytical reading), quantitative reasoning and communicate (writing, oral speaking, quantitative reasoning) effectively.
10. To develop knowledge and skills to select, evaluate and use technology to enhance learning and teaching in the school.
11. To develop knowledge and skills to work with students from diverse populations.

The aim of the school health education curriculum is to establish a comprehensive program which will contribute to the understanding of the health of students in the public schools. This aim will be accomplished primarily by supporting the areas of service, environment and instruction through the following goals:

1. To provide instruction that will prepare potential teachers to become professional decision makers in our over changing society and provide them with the necessary tools needed to work with and compete in multifaceted roles.

2. To create progressive sequences of experiences that will produce competent teachers who will demonstrate the competencies required by the state and national accreditation agencies.
3. To model a learning environment that will encourage students to develop positive health attitudes and behaviors.
4. To promote the development of sound health knowledge, practices and attitudes.
5. To provide well-planned instructions that meets the growth, developmental needs and interests of students.
6. To use technology of computers to improve assessment and instruction.
7. To demonstrate the ability to work with people of diverse cultural, ethnic, social, and economic backgrounds.

All health education and physical education majors must take and complete the required personal health and physical education activity courses to satisfy general education requirements. In addition, all majors must earn a minimum grade of "C" in any course that counts toward the major.

Any major or non-major student will have an opportunity to earn certificates by completing one or more courses offered by the department. Currently, American Red Cross certifications are available in aquatics, first aid and CPR. Also, a student may receive certifications in one of the sport officiating areas.

For a minor concentration in the areas of Health and Physical Education, the student should contact the department for guidance.

The following are requirements for students majoring in Health and Physical Education:

1. Membership in the Health and Physical Education club.
2. Hold active membership in the North Carolina Alliance for Health, Physical Education, Recreation and Dance. Membership is recommended (optional) for the American Alliance for Health Physical Education, Recreation and Dance.

Students in other departments may satisfy health and activity Liberal Studies requirements by satisfactorily completing HED 121 and any two courses from PED 010 through PED 212, not including 119-I and II, or any one course from PED 122 - PED 127.

Physical Education 119-I & II are adaptive courses offered only to students with temporary or permanent handicapping conditions. Enrollment in the course is contingent upon permission from a physician, and/or the inability of the student to participate in the regular activity courses.

HEALTH EDUCATION CURRICULA OPTIONS

CORE CURRICULUM CREDIT HOURS

HED	221	Introduction to Health Education	2
HED	223	Community Health	2
HED	225	Drugs	2
HED	231	Health and Nutrition	3
HED	327	Safety and Emergency Care	2
HED	328	Junior Seminar	2
HED	420	Senior Seminar	2
BIO	142	Modern Concepts in Biology	4
BIO	240	Anatomy and Physiology	<u>4</u>

TOTAL CORE CURRICULUM HOURS 23

OPTION 1
HEALTH EDUCATION: School Health (Teacher Education)

HED	224	Healthful Living	2
HED	232	Human Sexuality and Family Living	3
HED	323	Health Education in the Elementary School	2
HED	333	School Health Problems	3
HED	434	Methods and Materials in Teaching Health Education	<u>3</u>

TOTAL 13

PROFESSIONAL EDUCATION

ED	220	Early Experiences in Teacher Education	2
PSY	235	Psychology of Childhood	
		-OR-	
PSY	237	Psychology of Adolescence	3
PSY	239	Educational Psychology	3
ED	296	Psychology of the Exceptional	3
ED	330	Foundations of Education	3
ED	394	The Elementary School Curriculum	
		-OR-	
ED	395	The Secondary School Curriculum	3
ED	311	Junior Practicum In Elementary Education	
		-OR-	
ED	312	Junior Practicum In Secondary Education	1
ED	491	Student Teaching in the Elementary School	
		-OR-	
ED	492	Student Teaching in the Secondary School	<u>12</u>

TOTAL PROFESSIONAL EDUCATION 30
TOTAL SCHOOL HEALTH 13
CORE CURRICULUM 23
TOTAL HOURS FOR OPTION 1 66

OPTION 2

HEALTH EDUCATION: COMMUNITY HEALTH CURRICULUM

CREDIT HOURS

HED	224	Healthful Living	2
HED	232	Human Sexuality and Family Living	3
HED	322	Minority Health Problems/Issues	2
HED	326	Death and Dying	2
HED	334	Program Planning and Evaluation	3
HED	434	Methods and Materials in Teaching Health Education	3
HED	463	Internship	6
HED	435	Epidemiology	3
HED	436	Health Administration	3
TOTAL COMMUNITY HEALTH			27
CORE CURRICULUM			23
TOTAL HOURS FOR OPTION 2			50

PHYSICAL EDUCATION CURRICULA OPTIONS

CORE CURRICULUM

CREDIT HOURS

HED	327	Safety and Emergency Care	2
PED	332	Kinesiology	3
PED	328	Junior Seminar	2
PED	420	Senior Seminar	2
PED	432	Exercise Physiology	3
BIO	142	Modern Concepts in Biology	4
BIO	240	Anatomy and Physiology	4
TOTAL CORE CURRICULUM HOURS			20

OPTION 1:

PHYSICAL EDUCATION: TEACHER EDUCATION

Lifetime Sports:		2
<u>Select two one credit courses or one two credit course</u>		
PED	010	Beginner Tennis
PED	011	Beginner Golf
PED	110	Basic Swimming
PED	111	Advanced Beginner Swimming
PED	112	Intermediate Swimming
PED	113	Intermediate Tennis
PED	126	Physical Fitness
PED	127	Recreational Games
PED	210	Weight Training
PED	212	Outdoor Pursuits
Team Sports:		2
<u>Select one two credit course</u>		
PED	122	Volleyball
PED	123	Basketball and Soccer
PED	124	Team Sports

PED	230	Foundations of Physical Education & Sport (Formerly PED 221 Introduction to Physical Education and PED 331 Principles of Physical Education)	3
PED	231	Rhythm, Dance & Gymnastics	3
PED	321	Methods and Materials of Teaching Pre-School through 6th Grade Physical Education	2
PED	323	Adapted Physical Education	2
PED	325	Management of Physical Education & Sport	2
PED	431	Methods and Materials of Teaching 7th Grade through 12th Grade Physical Education	3
PED	434	Methods and Materials in Teaching Health Education	<u>3</u>
TOTAL			22

PROFESSIONAL EDUCATION

ED	220	Early Field Experiences in Teacher Education	2
PSY	235	Psychology of Childhood OR	
PSY	237	Psychology of Adolescence	3
PSY	239	Educational Psychology	3
ED	296	Psychology of the Exceptional	3
ED	330	Foundations of Education	3
ED	394	The Elementary School Curriculum OR	
ED	395	The Secondary School Curriculum	
ED	311	Junior Practicum in Elementary Education OR	3
ED	312	Junior Practicum in Secondary Education	1
ED	491	Student Teaching in Elementary School OR	
ED	492	Student Teaching in Secondary School	<u>12</u>
TOTAL PROFESSIONAL EDUCATION			30
TOTAL PHYSICAL EDUCATION: TEACHER EDUCATION			22
CORE CURRICULUM			<u>20</u>
TOTAL HOURS FOR OPTION 1			72

OPTION 2: PHYSICAL EDUCATION: SPORTS MANAGEMENT CORE CURRICULUM CREDIT HOUR

PED	229	Introduction to Sports Management	2
PED	321	Methods and Materials of Teaching Pre-School through 6th Grade Physical Education	2
PED	325	Management of Physical Education and Sport	2
PED	326	Sports Information	2
PED	328	Junior Seminar	2
MKT	331	Principles of Marketing	3
MGT	333	Principles of Management	3
MKT	334	Principles of Retailing	3
PED	420	Senior Seminar	2
PED	431	Methods & Materials of Teaching 7th Grade through 12th Grade Physical Education	3
PED	463	Major Practicum	<u>6</u>
Total Hours			30

CONCENTRATION 1: PROFESSIONAL SPORTS MANAGEMENT AND ATHLETIC ADMINISTRATION

PED	333	Sports Facilities Management	3
PUR	333	Public Relations	3
MGT	334	Personnel Management	3
MKT	335	Fundamentals of Selling	3
BUS	335	Legal Environment of the Firm	3
PED	434	Sport and the Law	<u>3</u>
Total Hours			18
Core Curriculum			30
Total Hours Concentration 1			48

CONCENTRATION 2: SALES

ACC	235	Principles of Accounting I	3
ACC	236	Principles of Accounting II	3
MKT	332	Advertising	3
MGT	334	Personnel Management	3
BUS	335	Legal Environment of the Firm	3
MKT	335	Fundamentals of Selling	3
MGT	339	Small Business Management	<u>3</u>
Total Hours			21
Core Curriculum			30
Total Hours Concentration 2			51

HEALTH EDUCATION 322 Minority Health Problems and Issues**Two credit hours**

This course is designed to discuss the social characteristics of minority populations, mortality and morbidity indicators, prevention strategies, and the recommendations by the Department of Health and Human Services.

HEALTH EDUCATION 323 Health Education in the Elementary Schools**Two credit hours**

This course is designed to assist the students in developing knowledge and skills in planning curricula, defining instructional objectives, and writing lesson plans to enhance their effectiveness in teaching health education content at the elementary school level.

HEALTH EDUCATION 326 Death and Dying**Two credit hours**

This course will examine the cultural perception, trends, economic and emotional factors associated with death and dying.

HEALTH EDUCATION 327 Safety and Emergency Care**Two credit hours**

This course is designed to aid the student in developing the knowledge and skills essential for safety measures and emergency care procedures. Successful completion of this course carries American Red Cross certifications in first aid, cardiopulmonary resuscitation and possibly a certification as an instructor.

HEALTH EDUCATION 328 Junior Seminar**Two credit hours**

The first of two formal courses that facilitates the writing of the senior investigative paper. The student will complete a proposal for their senior paper as an outcome of this course. To accomplish this outcome, students will learn research methods and strategies necessary to complete an acceptable proposal for their senior investigative paper.

HEALTH EDUCATION 333 School Health Problems**Three credit hours**

A study of the school health program, its values, and its problems in developing health education in the secondary school (Formerly Health Education 335).

HEALTH EDUCATION 334 Program Planning and Evaluation **Three credit hours**

The process of planning, implementing, and evaluating health programs in the community. Total program development will be emphasized with attention given to designing community health programs, overcoming community resistance, selecting appropriate educational methods and conducting evaluation activities.

HEALTH EDUCATION 420 Senior Seminar**Two credit hours**

This is the second of two formal courses that facilitates the writing of the senior investigative paper. The purpose of this course is to expose students to significant issues, methodology, and research in the field of health education, and to investigate an area of major interest for the senior paper. The students will complete their senior investigative paper as an outcome of this course. (Formerly PED 430)

HEALTH EDUCATION 433 Internship**Three credit hours**

A supervised internship in a professional work environment which will provide the student with exposure to the job market in sport-related businesses and public health agencies. Each student will be responsible for 120 hours of work and be required to present detailed descriptions of work activities and experience.

HEALTH EDUCATION 434 Methods and Materials in Teaching Health Education **Three credit hours**

A course designed to provide the student with the opportunity to develop knowledge and competencies in the use of effective methods of teaching health education and the effective use of resources. This course includes an observation period, the use of A-V material and equipment, and exposure to the computer. Prerequisite: Health Education 333.

HEALTH EDUCATION 435 Epidemiology **Three credit hours**

This course introduces students to principles and concepts in epidemiology through lectures, discussion groups, assigned readings and exercises. Students are given the opportunity to acquire an understanding of principles and concepts, the vocabulary of epidemiology, methods of epidemiological investigation, and the interpretation and evaluation of reports of epidemiological research.

HEALTH EDUCATION 436 Health Administration **Three credit hours**

To develop knowledge and skills to administer public health agencies. Emphasis will be placed on managing public health programs at the local and state levels, emphasis will be placed on analyzing public health programs, and emphasis will also be placed on evaluating the role of public health in health care services.

PHYSICAL EDUCATION

PHYSICAL EDUCATION 010 Beginner Tennis* **One credit hour**

This is an activity course designed to teach basic tennis knowledge and skills including: forehand, backhand, serve, singles and doubles play.

PHYSICAL EDUCATION 011 Beginner Golf* **One credit hour**

This is an activity designed to teach basic golf knowledge and skills preliminary to course play.

PHYSICAL EDUCATION 100 Basic Swimming* **One credit hour**

This is a swimming course structured to train students up to advanced beginner level.

PHYSICAL EDUCATION 111 Advanced Beginner Swimming* **One credit hour**

A swimming course designed to train students with basic swimming skills. Prerequisite: Physical Education 110 or obtain permission from the instructor.

PHYSICAL EDUCATION 112 Intermediate Swimming* **One credit hour**

This course provides the student with the opportunity to develop a high level of proficiency in the American crawl, back crawl, elementary backstroke, etc. Prerequisite: Physical Education 111 or obtain permission from the instructor.

PHYSICAL EDUCATION 113 Intermediate Tennis* **One credit hour**

This course affords the student the opportunity to develop more advanced strokes such as the volley, the overhead shot, the drop shot, and the lob. This course also allows the student to be in actual dual match competition in a smaller class setting. Prerequisite: Physical Education 010 or obtain permission from the instructor.

PHYSICAL EDUCATION 199 - I & II Adapted Physical Education* **One credit hour**

A course in conditioning and sport activities designed for those with temporary or permanent physical disabilities which prevent participation in regular activity classes. A student must have permission from a physician before participating in this course.

PHYSICAL EDUCATION 210 Weight Training* One credit hour

This course is designed to introduce the student to one or more of the following types of weight training programs: muscular strength/power, muscular endurance, muscular and cardiovascular endurance.

PHYSICAL EDUCATION 212 Outdoor Pursuits* One credit hour

The purpose of this course is to enhance students knowledge of several outdoor, recreational, physical activities such as hiking, canoeing, cycling, Nordic skiing, alpine skiing, and skin diving.

Combined Courses: 2 Credit Hours**PHYSICAL EDUCATION 122 Volleyball and Softball* Two credit hours**

This is an activity course designed to teach fundamental terms, rules, skills and strategies of volleyball and softball. (Combined PED 012 & PED 015)

PHYSICAL EDUCATION 123 Basketball and Soccer* Two credit hours

This course is designed to introduce the student to the basic skills, strategies, and rules of the two team sports which include basketball and soccer. (Combining PED 013 & PED 014)

PHYSICAL EDUCATION 124 Team Sports* Two credit hours

This course is designed to introduce the student to skills, strategies, and rules of a variety of team sports such as field and floor hockey, and flag football. (Combining PED 116 & PED 016)

PHYSICAL EDUCATION 125 Rhythm and Dance* Two credit hours

This course provides instruction and participation in various dances such as ballroom, folk, square, line, African, modern, etc. (Satisfies elective requirement for Elementary Education majors). (Combining PED 115 & PED 118)

PHYSICAL EDUCATION 126 Physical Fitness* Two credit hours

This course focuses on instruction and participation in aerobic dance and conditioning exercises that emphasize cardiovascular endurance, muscular endurance, muscular strength, body composition, and flexibility. (Combining PED 019 & PED 117)

PHYSICAL EDUCATION 127 Recreational Games* Two credit hours

This course is designed to introduce the student to skills, strategies, and rules of a variety of lifetime sports such as bowling, shuffleboard, handball, badminton, track and field, and archery. The activities offered are determined by the semester the course is placed on the schedule. (Combining PED 114, PED 017, and PED 018)

*Satisfies Liberal Studies Requirement

*Students can take either one two hour course or two one hour courses to meet the liberal studies requirement in physical education.

PHYSICAL EDUCATION 229 Introduction to Sports Management

Two credit hours

This course is designed to introduce the student to career options and entry requirements in sports management, including options in professional sports, athletic administration, proprietary sport pedagogy, sport-specialty retailing, and sport-related travel.

PHYSICAL EDUCATION 230 Foundations of Physical Education and Sport**Three credit hours**

This is the first course for students majoring in physical education and sports management. It is designed to provide the historical, philosophical, sociological, and other foundations areas of physical education and sport. In addition, information concerning career opportunities and professional growth will be presented. Also, a practical experience in an area of interest with a minimum of ten clock hours of observation at an outside agency and/or public school will be required. (Formerly PED 221, PED 229, & PED 331)

PHYSICAL EDUCATION 231 Rhythm, Dance and Gymnastics Three credit hours

The techniques of teaching and learning the fundamentals of gymnastics are emphasized, as well as the methods and techniques of teaching rhythm and dance. (Formerly PED 223 & PED 224)

PHYSICAL EDUCATION 310, 320 & 330 Independent Study**One - three credit hours**

A course designed to provide intensive work in an area of special interest or a required topic in physical education. This course is available to qualified students upon recommendation from the academic advisor and the instructor related to the topic.

PHYSICAL EDUCATION 321 Methods and Materials of Teaching Pre-School Through 6th Grade Physical Education**Two credit hours**

A course designed to provide students with knowledge and practical experience that will enhance their effectiveness in teaching physical education in pre-school through sixth grade students. A laboratory experience is required. (Formerly PED 321 Physical Education in the Elementary School)

PHYSICAL EDUCATION 323 Adapted Physical Education Two credit hours

This course is designed to provide the students with the philosophy, knowledge, and methods of teaching physical education to the exceptional or handicapped individual. A practical experience (required lab) is included to implement classroom instruction.

PHYSICAL EDUCATION 325 Management of Physical Education and Sport**Two credit hours**

This course provides the student with competencies essential to managing and administering sports programs.

PHYSICAL EDUCATION 326 Sports Information Two credit hours

This course is designed to provide students with skills and competencies in sports information, including sports statistics, press releases, public relations, sport promotion, etc. In amateur and professional sports.

PHYSICAL EDUCATION 328 Junior Seminar Two credit hours

The first of two formal courses that facilitates the writing of the senior investigative paper. The student will complete a proposal for their senior paper as an outcome of this course. To accomplish this outcome, students will learn research methods and strategies necessary to complete an acceptable proposal for their senior investigative paper.

PHYSICAL EDUCATION 332 Kinesiology Three credit hours

This course reinforces student knowledge of anatomy, and it provides the student with the opportunity to develop competencies essential to analyzing physical activity performance. A laboratory experience is included. Prerequisite: Biology 240.

PHYSICAL EDUCATION 333 Sport Facility Management Three credit hours

Functions of management viewed in terms of types of facilities and the kinds of sports staged. Included are coliseums, municipal and college stadiums, country clubs and resorts, YMCAs, and athletic clubs. Detailed, practical background on the principals and practices of public assembly facility management and event promotion.

PHYSICAL EDUCATION 420 Senior Seminar Two credit hours

This is the second of two formal courses that facilitates the writing of the senior investigative paper. The purpose of this course is to expose students to significant issues, methodology, and research in the fields of physical education, and to investigate an area of major interest for the senior paper. The students will complete their senior investigative paper as an outcome of this course. (Formerly PED 430)

PHYSICAL EDUCATION 431 Methods and Materials of Teaching 7th Grade Through 12th Grade Physical Education Three credit hours

A study of and the effective use of methods and materials (media and the computer) for teaching physical education to seventh through twelfth grade students. A laboratory experience is required. Emphasis will be placed on test construction. (Formerly PED 431 Methods and Materials of Teaching Physical Education)

PHYSICAL EDUCATION 432 Exercise Physiology Three credit hours

This course presents fundamental concepts and materials pertinent to the various functions of the human body during physical activity. It provides the student with the knowledge of the physiological effects of exercise as well as an awareness of the values of physical activity to man's well-being. A laboratory experience is required. Prerequisite: Biology 240 and PED 332 (can be taken concurrently)

PHYSICAL EDUCATION 433 Internship Three credit hours

A supervised internship in a professional work environment which will provide the student with exposure to the job market in sport-related businesses and public health agencies. Each student will be responsible for 120 hours of work and be required to present detailed descriptions of work activities and experience.

PHYSICAL EDUCATION 434 Sport and the Law Three credit hours

Basic knowledge and understanding of the law as it applies to amateur and professional sports. Students identify, analyze, and understand legal issues, and discuss the ramifications of those issues. It is recommended that this course be taken in the senior year and that Business Law be completed.

CURRICULUM FOR A HEALTH EDUCATION MAJOR:
SCHOOL HEALTH

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
LS 130	3	CSC 131	3
RHC 191	3	RHC 192	3
MTH 131	3	MTH 132	3
ORT 110	1	PSY 131	3
ART 231 or MUS 131	3	SPE 130	3
HED 121	2	PED 010-127	<u>1-2</u>
PED 010-127	<u>1-2</u>		16-17
	16-17		

Sophomore Year

HED 221	2	HED 232	3
ENG 230	3	PSY 239	3
LS 235	3	EDU 296	3
PSY 237	3	HED 224	2
For. Lang.	3	For. Lang.	3
EDU 220	<u>2</u>	BIO 142	<u>4</u>
	16		18

Junior Year

EDU 311/312	1	HED 333	3
EDU 394/395	3	EDU 330	3
HED 223	2	Elective	3
HED 225	2	HED 328	2
LS 237	3	HED 323	<u>2</u>
BIO 240	4		13
HED 231	<u>3</u>		
	18		

Senior Year

HED 327	2	EDU 491/492	<u>12</u>
Electives	6		12
HED 420	2		
HED 434	<u>3</u>		
	13		

Total Hrs. 122

CURRICULUM FOR A HEALTH EDUCATION MAJOR:
COMMUNITY HEALTH

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
LS 130	3	CSC 131	3
RHC 191	3	RHC 192	3
MTH 131	3	MTH 132	3
ORT 110	1	PED 010-127	1-2
Art 231 or Mus 131	3	SPE 130	<u>3</u>
HED 121	<u>2</u>		14-15
	15		

Sophomore Year

PED 010-127	1-2	HED 232	3
HED 221	2	Electives	2
LS 235	3	For. Lang.	3
HED 223	2	BIO 142	4
Elective	3	HED 322	<u>2</u>
For. Lang.	3		14
ENG 230	<u>3</u>		
	17-18		

Junior Year

HED 224	2	Electives	5
BIO 240	4	HED 326	2
HED 336	3	HED 327	2
HED 225	2	HED 328	2
HED 231	3	Elective	3
LS 237	<u>3</u>	HED 334	<u>3</u>
	17		17

Senior Year

HED 434	3	HED 436	3
HED 420	2	Electives	6
HED 435	3	HED 433	3
Electives	<u>9</u>	Electives	<u>3</u>
	17		15

Total Hrs. 125

CURRICULUM FOR PHYSICAL EDUCATION: SPORTS
MANAGEMENT

PROFESSIONAL SPORTS MANAGEMENT AND ATHLETIC
ADMINISTRATION

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
LS 130	3	RHC 192	3
RHC 191	3	MTH 132	3
MTH 131	3	SPE 130	3
ORT 110	1	PED 010-127	1-2
Art or MUS 131	3	CSC 131	<u>3</u>
HED 121	<u>2</u>		13-14
	15		

Sophomore Year

ENG 230	3	FRE/SPA 132	3
LS 235	3	LS 135	3
Elective	3	PED 326	2
FRE/SPA 131	3	MAR 331	3
PED 229	2	PED 321	<u>2</u>
PED 010-127	<u>1-2</u>		13
	15-16		

Junior Year

LS 237	3	MGT 334	3
PED 325	2	PED 328	2
MGT 333	3	MAR 334	3
PED 333	3	BUS 335	3
PUR 333	3	PSY 336	<u>3</u>
MAR 335	<u>3</u>		17
	17		

Senior Year

Elective	3	PED 433	6
PED 420	2	Electives	<u>8</u>
PED 434	3		14
Electives	6		
PED 431	<u>3</u>		
	17		

Total Hrs. 121

CURRICULUM FOR PHYSICAL EDUCATION: SPORTS
MANAGEMENT

SALES

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
LS 130	3	RHC 192	3
RHC 191	3	MTH 132	3
MTH 131	3	SPE 130	3
ORT 110	1	CSC 131	3
Art or MUS 131	3	PED 010-127	1-2
HED 121	<u>2</u>		14-15
	15		

Sophomore Year

ENG 230	3	Elective	3
LS 235	3	For. Lang.	3
LS 135	3	PED 326	2
For. Lang.	3	PED 321	2
PED 229	2	MAR 331	3
ACC 235	<u>3</u>	ACC 236	<u>3</u>
	17		16

Junior Year

LS 237	3	Elective	3
PED 325	2	PED 328	2
MGT 333	3	MAR 334	3
MAR 332	3	MGT 334	3
MAR 335	<u>3</u>	BUS 335	3
	14	PSY 336	<u>3</u>
			17

Senior Year

MGT 339	3	PED 433	3
PED 420	2	Electives	<u>10</u>
Electives	9		13
PED 431	<u>3</u>		
	17		

Total Hrs. 122

CURRICULUM FOR PHYSICAL EDUCATION: SPORTS
MANAGEMENT

EVENT AND FACILITY MANAGEMENT

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
LS 130	3	RHC 192	3
RHC 191	3	MTH 132	3
MTH 131	3	SPE 130	3
ORT 110	1	PED 010-127	1-2
Art or Music 131	3	CSC 131	<u>3</u>
HED 121	<u>2</u>		13-14
	15		

Sophomore Year

ENG 230	3	Elective	3
LS 235	3	For. Lang.	3
LS 135	3	MAR 331	3
For. Lang.	3	PED 326	2
PED 229	2	PED 321	<u>2</u>
PED 010-127	<u>1-2</u>		13
	15-16		

Junior Year

LS 237	3	Elective	3
PED 325	2	PED 328	2
MGT 333	3	MGT 334	3
PED 333	3	MAR 334	3
PUR 333	3	BUS 335	3
MAR 335	<u>3</u>	PSY 336	<u>3</u>
	17		17

Senior Year

Elective	3	PED 433	3
MAR 432	3	Electives	<u>12</u>
PED 420	2		15
Electives	6		
PED 431	<u>3</u>		
	17		

Total Hrs. 122

CURRICULUM FOR A PHYSICAL EDUCATION MAJOR:
TEACHER EDUCATION

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
LS 130	3	CSC 131	3
RHC 191	3	RHC 192	3
MTH 131	3	MTH 132	3
ORT 110	1	PSY 131	3
Art 231 or Mus 131	3	For. Lang.	3
For. Lang.	3	HED 122	<u>2</u>
PED 010-127	<u>1-2</u>		17
	17-18		

Sophomore Year

PSY 237	3	ENG 230	3
EDU 220	2	PSY 239	3
LS 235	3	BIO 142	4
Elective	3	SPE 130	<u>3</u>
PED 230	3		13
PED 010-127	<u>1-2</u>		
	15-16		

Junior Year

EDU 394/395	3	EDU 296	3
PED 122-124	2	EDU 330	3
LS 237	3	Elective	4
PED 231	3	PED 321	2
BIO 240	4	PED 328	2
EDU 311/312	<u>1</u>	PED 332	<u>3</u>
	16		17

Senior Year

PED 431	3	EDU 491/492	<u>12</u>
HED 434	3		12
PED 325	2		
PED 323	2		
PED 420	2		
PED 432	<u>3</u>		
	15		

Total Hrs. 122

DEPARTMENT OF SOCIAL WORK

The Social Work Program provides a generalist foundation through courses designed to prepare students for entry level social work practice. Any student electing to major in social work must enroll in Social Work 239, during the sophomore year.

A major in social work consists of 55 credit hours. Required are Social Work 239, 330, 332, 334, 335, 433, 434, 435, 436, 437, 438, 490, Mathematics 136 (or Psychology 233), Sociology 432 and Biology 240. Additionally, the completion of entry level courses in economics, political science, and sociology may be recommended to students, as the faculty judge these courses to be essential to the major.

At the junior level, a minimum of "C" must be earned in all required social work courses before permission is granted to enroll in senior level courses. Therefore, it may be necessary for some students to consider plans for enrollment over a period of 5 years.

Upon the completion of all social work, and university requirements, the student receives the Bachelor of Social Work (BSW) degree.

REQUIREMENTS FOR ADMISSION TO THE PROGRAM

All potential social work majors must:

1. successfully complete Social Work 239, with a "C" or better, as this course is required for entry to the major;
2. if possible, by the end of the sophomore year, earn a "C" or better in Mathematics 136 or Psychology 233 (Statistics) and Biology 240 (Human Anatomy and Physiology);
3. have completed 45 credit hours or more with a GPA of 2.00 or better;
4. submit a completed, formal application, provided by the department, following the completion of Social Work 239 or one month prior to completion (if the course is taken during the second semester of the sophomore year);
5. submit two recommendations from faculty or staff persons and one from a mentor or volunteer supervisor or employer, on a form provided by the department; and,
6. complete a scheduled interview with the Social Work faculty (Admission Committee).

Note: Transfer students, with junior status, who are interested in Social Work as a major, must provide course syllabi, college catalogs, and transcripts to the Department Heads.

CONDITIONS FOR DENIAL OF ADMISSION OR DISMISSAL

The Admission Committee (made up of the Social Work faculty) strives to fairly assess each applicant who applies for enrollment in the Social Work Program. The Committee also commits to making every effort to retain each student who has been successfully admitted.

When repetitive, irreconcilable situations arise which indicate that a student is ill-suited for the profession of social work, before or after admission, action is taken to provide advisement and counseling referrals. However, if the problems persist, denial of admission or dismissal

shall be the outcome. The Committee's assessments will be based on observable and documented situations listed below.

The student:

1. displays intrusive, abusive outbursts in normal class discussions, e.g., excessively argumentative, offensively negates the ideas and opinions of others;
2. expresses disrespectful, unreasonable, personal criticisms of peers, as well as others from different populations;
3. has difficulty resolving personal conflict(s); and,
4. evidences a lack of attention in seeking treatment for his or her need for drug or alcohol addiction.

MISSION OF THE PROGRAM

The mission of the Social Work Program is to provide an outstanding liberal arts and social work education for a diverse group of talented students from various backgrounds. Its curriculum is designed to produce generalist practitioners for professional careers and advanced study. To progress successfully, the program assumes responsibility for guiding and nurturing the academic potential of each student. The program promotes a realistic and compelling sense of social and civic responsibilities mirrored in social work values, for leadership and service in a multicultural society. The dynamics of change within the social context of practice serve as the catalysts for student learning, professional service and community empowerment.

GOALS OF THE PROGRAM

The goals of the Program are to:

1. prepare students for lifelong learning through the incorporation of sound liberal arts foundation and social work education.
2. prepare students to integrate knowledge of social work standards, values and ethic, as valuable assets and guides in social work practice.
3. prepare students to understand and work with diverse, oppressed and at-risk populations.
4. prepare students for beginning generalist professional practice with individuals, families, small groups, organizations, and communities.
5. prepare students for social research with an understanding of its value to professional practice.
6. prepare students for graduate education.

7. provide content about the social contexts of social work practice, the changing nature of those contexts, the behavior of organizations, and the dynamics of change.

PROGRAM OBJECTIVES

The objectives of the Program are to:

1. apply critical thinking skills in Social Work Practice.
2. promote, uphold and practice within the principle values and ethics within the social work profession.
3. practice with an understanding of and respect for the positive value of diversity.
4. demonstrate professional use of self.
5. understand the system and mechanisms and discrimination and the means to advance social and economic justice.
6. demonstrate an understanding of social welfare history and the evolution of social work and its current structures and issues.
7. utilize knowledge and skills of generalist social work practice to affect planned change within systems of all sizes.
8. apply knowledge of bio psychosocial variables that affect individual development and behavior.
9. use theoretical frameworks to understand interactions among and between individuals and social systems.
10. analyze the impact of social policies on client systems, practitioners and resource providers.
11. evaluate research studies and their application to practice.
12. evaluate under supervision, their own practice interventions and those of other relevant systems.
13. demonstrate effective communication with a variety of client population, colleagues and members of the community.
14. use supervision appropriate to generalist practice.
15. function within the boundaries of organizational structures and seek opportunities for affecting needed change through supervisor.

REQUIRED COURSES

SOCIAL WORK 239 Introduction to Social Work **Three credit hours**
 A survey course which provides a general knowledge of social work as a profession and its many areas of professional practice. FALL AND SPRING SEMESTERS

SOCIAL WORK 330 Institution of Social Welfare **Three credit hours**
 A study of the philosophy, development, trends, and dynamics of social welfare as a cognate institution in the social system. Prerequisite: Social Work 239. FALL SEMESTER

SOCIAL WORK 332 Social Welfare Policy **Three credit hours**
 An assessment of history, current issues, programmatic changes and choices that effect social welfare services. Prerequisite: Social Work 239. SPRING SEMESTER

SOCIAL WORK 334 Human Behavior and the Social Environment I **Three credit hours**
 A course which examines human behavior from a normal perspective. Special emphasis on man's bio-psycho-social needs and behavioral consequences when these needs are not met. Prerequisite: Social Work 239. FALL SEMESTER

SOCIAL WORK 335 Human Behavior and the Social Environment II **Three credit hours**
 This course continues the study of human behavior in the life cycle at the point where the first component ended during the fall semester. It concludes with specific focus on the bio-psycho-social needs of aged member in our population. Prerequisite: Social Work 334. SPRING SEMESTER

SOCIAL WORK 433 Social Work Practice I **Three credit hours**
 A planned-change approach to studying the processes in social work practice with individuals, families, and small groups, incorporating practice skills with knowledge of human behavior and the social environment. Prerequisites: Social Work 330, 334, 335, Sociology 432, Biology 240, Math 136 or Psychology 233. SOCIAL WORK SENIORS ONLY. FALL SEMESTER

SOCIAL WORK 434 Social Work Practice II **Three credit hours**
 This course emphasizes the development of social work skills for working with communities, large organizations and in areas of social administration, utilizing the planned-change approach. The application of these skills in interwoven with knowledge of human behavior and the social environment, social policy, and the applicability of research. Prerequisites: Social Work 330, 334, 335, Sociology 432, Biology 240, Mathematics 136 or Psychology 233. SOCIAL WORK SENIORS ONLY. FALL SEMESTER

SOCIAL WORK 435 Social Work Seminar **Three credit hours**
 A course requiring students to analyze and interpret problems, data and assigned materials connected with field experiences, as a team, in light of established concepts and practice principles previously learned in social work courses. Prerequisite: Must be enrolled in Social Work 490.

SOCIAL WORK 436 Senior Investigative Paper I **Three credit hours**
 A course designed for the preparation of the core of the senior investigative paper. Prerequisites: Mathematics 136 or Psychology 233, Sociology 432. SOCIAL WORK SENIORS ONLY.

SOCIAL WORK 437 Community Organization **Three credit hours**
 A course designed to provide a macro perspective of the practice principles and processes essential in mobilizing social welfare needs and community resources. Prerequisites: Social work 239, 330.

SOCIAL WORK 438 Senior Investigative Paper II **Three credit hours**
 This course provides second semester seniors with an environment for discussions, the exchange of ideas, the "fine tuning" of their senior investigative papers and preparation of orals. Prerequisite: Social Work 436.

SOCIAL WORK 490

Field Experience

Twelve credit hours

A modified block placement course designed to assist student in acquiring first-hand knowledge of social work practices in community agencies through active, professional work experiences four days per week in pre-selected agency settings. Prerequisites: All required courses except Social Work 435 and 438 which are taken concurrently with Field Experience.

ELECTIVE COURSES

SOCIAL WORK 234

Introduction to Gerontology

Three credit hours

This course offers a survey of biological, psychological and social perspectives and research relevant to the study of human aging. In addition, students are introduced to concepts and entry level skills that are applicable for human services to the elderly adults. (Co-listed as Sociology 234). Offered alternate semesters.

SOCIAL WORK 331

Child Welfare: Policies and Practices

Three credit hours

A course designed to offer social work students current and comprehensive information which defines, describes, and analyzes the impact of policies on the welfare of children and families. (Offered alternate semesters).

SOCIAL WORK 333

Social Work Settings

Three credit hours

A practical course designed to develop a focused awareness of various primary and secondary settings, the generalist’s roles, and a broad knowledge of public and private services available to the public.

SOCIAL WORK 338

Special Topics

Three credit hours

A course designed to expose students to issues and information that are pertinent to identifying, communicating and working effectively with special populations.

SOCIAL WORK 432

Social Work with Groups

Three credit hours

The focus of this course is to help students learn the dynamics of group interactions and the processes and skills required to facilitate productive outcomes.

CURRICULUM FOR SOCIAL WORK MAJORS

Freshman Year			
Fall Semester		Spring Semester	
	Credit Hours		Credit Hours
RHC 191	3	RHC 192	3
LS 130	3	For. Lang.	3
For. Lang.	3	MTH 132	3
MTH 131	3	CSC 131	3
PED 010-119	1	PED 010-119	1
ORT 110	1	HED 121	2
SPE 130	3		15
	17		

Sophomore Year

	Credit		Credit
Fall Semester	Hours	Spring Semester	Hours
SWK 239 or Elective	3	ENG 230	3
LS 235	3	PSY 131	3
MTH 136 or		SOC 131	3
PSY 233 (Statistics)	3	SWK 239 or Elective	3
BIO 142	4	BIO 240	<u>4</u>
Elective	<u>3</u>		16
	16		

Junior Year

	Credit		Credit
Fall Semester	Hours	Spring Semester	Hours
REL 131 or PHI 131	3	Elective	3
ECO 231	3	SWK 332	3
LS 237	3	SWK 335	3
SWK 330	3	SOC 432	3
SWK 334	3	Elective	<u>3</u>
Elective	<u>3</u>		15
	18		

Senior Year

	Credit		Credit
Fall Semester	Hours	Spring Semester	Hours
SWK 433	3	SWK 435	3
SWK 434	3	SWK 438	3
SWK 436	3	SWK 490	<u>12</u>
SWK 437	3		18
Elective	<u>3</u>		
	15		

Total Hrs. 130

HONORS COLLEGE

The mission of the Honors College is to produce graduates who have the academic, social and service commitments to function as leaders and role models in their communities. As one of the five **Centers of Excellence** of the University, the Honors College seeks to graduate persons who will aspire to obtain advanced degrees, excellence as teachers, and prominence in business, science, medicine, law and other professions. The Honors College recruits outstanding students into a comprehensive program which features traditional and non-traditional learning.

ADVANCED FRESHMAN STUDIES PROGRAM (AFS)

The Advanced Freshman Studies Program offers an enriched course of study for the best prepared and most qualified students entering the University as freshmen. Students receiving academic scholarships

are expected to enroll in the Advanced Freshman Studies Program which is preparatory for admission into the Honors College during the sophomore year. Students who complete the Freshman Year of the Liberal Studies Program with honors may apply for admission into the Honors College in the sophomore year. Other students are invited to join the AFS program based on their grades, high school preparation, and SAT scores as well as on references from both University and high school instructors.

Course of Study

- HON 111 Honors Orientation I** **One credit hour**
 An enriched course designed to introduce students in the AFS Program to the practices of successful study and living in the university community. Students participate in a small supportive learning group, under the leadership of a faculty mentor, to design the direction of their living/learning practices. In addition to this, the course invites students to assess their personal, academic, social, and career development in the context of an on-going inquiry into the permanent domains of human concern. This course will meet weekly for a one hour session and is a requirement for graduation.
- HLS 130 Identity: Humanistic and Cultural Traditions** **Three credit hours**
 An expanded offering of LS 130. See section on Liberal Studies.
- HLS 235 Studies in Society** **Three credit hours**
 LS 235. See section on Liberal Studies.
- HON 110 Natural Science** **Three credit hours**
 A course designed for NON-SCIENCE MAJORS covering evolution, biology, genetics, ecology, measurements. Laboratory experience required.
- HON 131-132 Forum in Academic Discourse I-II** **Three credit hours**
 A forum building a cross-disciplinary study of language, cultural forms, social institutions, and the roles of intellectuals and the academy in our communities. Extensive reading of a wide variety of texts.
- HRHC 191-192 Honors Rhetoric I-II** **Three credit hours each**
 A study of composition, including the forms of discourse, rhetorical patterns, language use, critical reading and thinking skills, and the research paper.

The Foreign Language Requirement:

The six-hour requirement in foreign languages may be satisfied by taking French 131-132, Spanish 131-132, Arabic 131-132, Chinese 131-132, Russian 131-132, Japanese 131-132, German 131-132 or HCP 533-534-Latin I-II or their equivalents based upon the results of the Foreign Language Placement Examination.

The Mathematics Requirement:

The six-hour requirement in Mathematics may be satisfied only via the results of the Mathematics Placement Examination.

CURRICULUM

The Honors curriculum begins in the second year. Honors courses are designed with special attention to currently relevant issues, therefore the curriculum is not focussed on any particular scheme. It is

designed to help students appreciate and realize their talents through innovative interdisciplinary courses, opportunities for independent study, and the involvement in community service and justice. The curriculum is arranged in terms of five comprehensive bins. Each Honors College student must select at least two courses from each of the five Bins (30 credits), and must take the Senior Integrative Seminar (HON 431), for a total of 33 required hours.

1. AFRICAN AMERICAN PERSPECTIVES addressed the history, culture, and social experience of African Americans.
2. CANONICAL WORKS introduces students to complete major texts, paintings or musical compositions which have achieved "classical" status.
3. HISTORICAL AND CULTURAL PERSPECTIVES presents the subject content in the context of relevant social historical and cultural developments.
4. WELLNESS develops self-awareness around the student's care of her or his body, mind, spirit and sexual being.
5. RATIONAL THINKING introduces students in a method and practice of organized thought.

Students do Honors Papers within the courses.

HONORS COURSE BINS

Honors Courses are designed with the idea that new courses can be invented at all times, with special attention to currently relevant issues; therefore, the curriculum is not focussed on any specific curricular scheme. Instead, to be Honors Courses, particular cross-disciplinary commitments must be met. These Honors Course commitments are labeled as five BINS. Each Honors College student must select at least two courses from each of the five BINS, and must take a minimum of 11 Honors courses (30 Credits) or their equivalents.

1. AFRICAN AMERICAN PERSPECTIVES covers courses which address the history, culture, and social experiences of African Americans, such as "Psychology of the Black Child" or "Black Entrepreneurship: Principles of Management."
2. CANONICAL WORKS covers courses which introduce students to complete major texts, paintings, or musical compositions which have achieved "classical" status, such as "African American Art History" or "Literature of Social Reflection."
3. HISTORICAL AND CULTURAL PERSPECTIVES includes courses which present the subject content in the context of relevant social historical and cultural developments, such as a course in Shakespeare which references the development of the early modern state in England, "History and Foundations of Math," or Foreign languages.

4. WELLNESS includes courses which develop self-awareness around the student's care of her or his body, mind, spirit and sexual being, such "Women and Religion," or "Biology and Ethics."
5. RATIONAL THINKING includes courses which train students in a method and practice of organized thought, such as "History of Modern Philosophy" or "Number Theory."

AFRICAN AMERICAN EXPERIENCE AAP BIN

The main objective of these courses is to examine African American Experiences from a variety of vantage points. The courses look at the ways in which African Americans have gone about living their lives in this society and also the ways that society and its structures are imposed upon the lives of African Americans; the ways in which the idea of "race" impacts upon our lives.

AAP 531-532 African American Art Three credit hours

These courses are designed to acquaint students with art made by Black Americans over the past 200 years. Major figures include, Tanner, Bannister, Duncanson, Porter, Douglas, White and Bearden. A portion of the courses focus on the struggle in America i.e., major galleries & museums, critics and important art collectors.

AAP 533-534 Psychology Three credit hours

Course in African American Perspectives dealing with psychology would range from an introduction to psychology with special emphasis on Black Americans to business, religion, etc. Certain psychological responses of Blacks to cultural to these selections.

AAP 535-536 Music Three credit hours

Course in African American music has a wide range of material to draw from. The evolution of jazz, gospel, work songs, soul, blues, and ragtime are potential areas of interest.

AAP 590 Special Topics Three credit hours

Courses submitted under Special Topics headings in African American Perspectives are usually courses taught on a one time basis and are not intended to form a permanent part of the core curriculum. Theme could include: Malcolm X, Desegregation, Slavery and many other Black issues.

AAP 591-592 African American Experience, I & II Three credit hours

A significant part of the mission at Johnson C. Smith University is to assist our students in self discovery. African American Experience will engage students in a number of learning experiences i.e., film series by or about Black film makers, guest lecturers, concerts and gallery visits, all aimed at enhancing our students' sense of self.

AAP 593-594 Field Experience One to three credit hours

These projects are usually completed over the Summer, abroad or at another campus. A presentation, portfolio and paper are received as well as approved by the field coordinator.

AAP 595-599 Independent Study One to three credit hours

This course is designed mainly for junior and senior level students with demonstrated maturity and ability to undertake individualized course work. Students are permitted to choose their own topics of study, nonetheless, all independent study topics must be approved by an Honors College faculty advisor. The topic must come from a focus on African American issues.

CANONICAL WORKS CW BIN

A canonical works course is any course that (to a substantial degree) requires the reading of works which have achieved the status of primary works in their field. Seminal works by philosophers, political writers, economics, scientists, imaginative writers and others are the canonical texts. A canonical text course requires at least three such works be read in as complete a form as is feasible.

CW 431-432 Freedom in America

Three credit hours

The course introduces Freshmen students to a variety of perspectives on the evolving American ideas and practices of freedom; familiarizes students with some basic concepts and canonical works in the social sciences; encourages a regular and informed engagement with current events; develops reading, writing and critical thinking skills.

CW 543 Visual Arts

Three credit hours

This course will include the study of the creative artists and painters and sculptures in the visual areas. Themes could include topics such as basic design of the art studio or art surveys.

CW 531-532 Great Books

Three credit hours

These courses focus on a selection of texts or paintings judged to be central to intellectual history. Books or paintings vary from year to year, and may be selected because of common themes (the human quarrel with God, women, etc.), or genres (tragedy, comedy, novel, art, etc.), or disciplines (literature, philosophy, religion, etc.).

CW 590 Special Topics

Three credit hours

Special topics courses focus on a current issue and use the reading of major works to illustrate that issue with multiple perspectives. Examples of issues which might form a special topics course are censorship, the African American male in literature, or third world voices.

CW 593-594 Field Experience

One to three credit hours

A typical field experience in canonical works would be for a student to attend a conference or convention where sessions cover topics in literature, philosophy, art biblical interpretation, history, psychology or the like. The student completes the field experience by making a public presentation to the Honors College. Credit would be based on the extent of the conference, the reading preparation needed to attend the conference, and the type of presentation made on return to campus.

CW 598-599 Independent Study

One to three credit hours

A typical independent study project in canonical works would be extensive reading which leads to a major paper, in which the focus is on works judged to have canonical status in their discipline (philosophy, literature, biology, psychology, literature, art, or the like). The project would be under the directorship of a faculty member in the discipline. Credit is based on the extent of the project.

HISTORICAL AND CULTURAL PERSPECTIVES HCP BIN

The Historical and Cultural Perspectives bin offers courses which focus, primarily, on human cultural evolution. Cultural evolution is defined broadly as the on-going human activity of devising strategies

and methods for meeting human needs (e.g., providing food, clothing, and shelter; the search for order; controlling and interacting with nature; the search for meaning in life; the search for peace and security). The subject content of this bin may be covered by a variety of courses and experiences which utilize a number of methods (e.g., study of great books; study of language; special topic seminars; field experience; independent study).

HCP 531-532 Great Books

Three credit hours

This approach conceives of great books as social artifacts produced by societies. Within these artifacts are preserved important components of a people's culture, the learned and shared ideas that describe, explain, and give meaning and purpose to life.

HCP 533-534 Language

Three credit hours

Language is the most pervasive aspect of human culture. Language facilitates the accumulation and storage of a social heritage, and the transmission of that social heritage from generation to the next. This approach utilizes the study of language as a method of studying the social heritage of different societies.

HCP 590 Special Topics

Three credit hours

Human history is living history. The seminar approach allows us to explore special topics on the developing trends and events in the human experience.

HCP 593-594 Field Experience

One to three credit hours

The field experience approach utilizes the participant observation method, primarily. This approach emphasizes learning through experience.

HCP 595-599 Independent Study

Three credit hours

Independent but guided study or examination of a topic related to historical or cultural perspectives. There would be extensive readings leading to a major paper or project. The project would be under the direction of a faculty member in the discipline.

WELLNESS WEL BIN

The key to classification of a course into the Wellness BIN is a primary focus in the domain of practical wellness. That is, a course in the wellness domain should aim to provide students with practical competencies relevant to their physical, emotional, social, or spiritual well-being and to their ability to cope effectively with challenges to that well being. To be categorized into the "Wellness" bin, a course should:

- 1) Significantly engage the student in experiences, processes, and/or exercises which substantially enhance the student's practical ability to enjoy an active, "well" lifestyle or to deal effectively with unavoidable health challenges.
- 2) Permit each student a significant degree of flexibility in establishing wellness goals and self-direction in developing and executing plans for achievement of those goals.

- 3) Include a significant degree of focus on practical skills relevant to each student's lifelong wellness.

WEL 531-532 Lifelong Wellness **Three credit hours**

Course providing practical skills, as defined for the wellness bin, in the areas of physical education, fitness, health dance, or the creative arts.

WEL 533 Sports and Society **Three credit hours**

Courses providing practical skills, and dealing with the appreciation or understanding of sports and the relationship and impact of sports in the context of society.

WEL 534-535 The Religious Experience **Three credit hours**

Courses dealing with practical skills with regard to the spiritual or religious practices and interpretation concerning wellness.

WEL 536-537 Science **Three credit hours**

Courses providing practical skills of a scientific nature, research, trends and experiments.

WEL 538 Psychology **Three credit hours**

These courses deal with issues surrounding psychological wellness, health and happiness.

WEL 590 Special Topics **Three credit hours**

Course offered on an occasional or experimental, one time basis for which the content meets the definition of the wellness bin. These courses are typically focusing on current issues and use of contemporary readings and research.

WEL 593-594 Field Experience **One to three credit hours**

Courses offering supervised, practical experience in a field setting and with content meeting the definition of the wellness bin. Examples might include preparation for and competition in a National Sports Festival or international sports competition, membership in a well recognized performing arts event or competition, or attendance at a conference or convention.

WEL 598-599 Independent Study **One to three credit hours**

Independent but guided study or examination of a topic related to practical skills related to wellness. There would be extensive reading leading to major paper or project. The project would be under the directorship of a faculty member in the discipline. Credit is based on the extent of the project.

RATIONAL THINKING RT BIN

Rational Thinking is defined as: The assessing of premises and of the inferences which follow from those assessed premises.

Accordingly, courses submitted for inclusion in the Rational Thinking BIN are to confirm to the following:

- 1) The primary focus of the course is methodology rather than content.
- 2) The course emphasizes the development of an idea with special attention to the reasons and reasoning which shaped the development.

- 3) The course requires students to reflect upon the reasons and reasoning generating the idea's development so that they themselves become participants in the idea's development.

- HON 104 Systematic Thinking** **Three credit hours**
A team-taught course focusing on rational thinking and the development of the mind through a case studies approach in selected areas of systematic thought, such as Euclidean geometric proofs, formal logic, and speech-act theory.
- RT 531-532 Philosophy** **Three credit hours**
Study of logic, methods, systems of thought either in themselves or as they have been applied in new domains if inquiry.
- RT 533-534 Mathematics & Science** **Three credit hours**
Study of the concepts, methods, or philosophy of mathematics or science.
- RT 535-536 Computers in Society** **Three credit hours**
Study of logic, design, problem solving within computer science or society at large.
- RT 537-538 Psychology** **Three credit hours**
Study of cognition, learning, and human development.
- RT 561-562 Business & Economics** **Three credit hours**
Study of methods, principles and theories of business and economics.
- RT 590 Special Topics** **Three credit hours**
Courses are usually contemporary and readings in the rational process that involves timely issues.
- RT 593-594 Field Experience** **One to three credit hours**
These may be conferences and workshops with rational thinking and reasoning as the format.
- RT 598-599 Independent Study** **One to three credit hours**
Students do a directed research project under the guidance of specialist in reasoning.
- HON 431 Senior Integrative Seminar** **Three credit hours**
This course is an integration and synthesis of the student's college experiences with particular emphasis on intellectual challenge. The fundamental question the course seeks to examine is, What does it mean to be a liberally educated person? This course will require you to reflect on your college experience particularly the academic experience you have acquired in the Honors College and then indicate to what extent you have been intellectually challenged. The instructor of the course, in conjunction with other instructors drawn from the Honors College Core faculty, will attempt to fill in qualitatively (and to a lesser degree quantitatively) any intellectual gaps that might exist in the student's liberal education.

COURSE CREDIT

FRESHMAN YEAR - Advanced Freshman Studies Program (38-41 Credits).

SOPHOMORE YEAR - minimum of 6 Honors courses (18 credits).

JUNIOR YEAR - minimum of 3 Honors courses (9 credits). Students are expected to complete a Field Experience. (3 credits). Students are also expected to complete an Independent Study. (1 to 6 credits).

SENIOR YEAR - minimum of 2 Honors courses (6 credits), one of which must be the Senior Integrative Seminar, HON 431 in the Fall or Spring (3 credits).

STRUCTURE

Seminar format Honors College courses are interdisciplinary and are designed to accelerate the completion of the G.E. courses normally taken separately. Subject to the approval by the University Faculty, upper level Honors College courses may be designed by departments.

FINANCIAL ASSISTANCE

Contingent upon the availability of funds, students in the Honors College receive financial assistance to cover tuition. They are required to maintain a cumulative 3.00 GPA in order to retain their scholarships. A student may lose financial assistance and retain probationary status in the Honors College. A cumulative GPA below 3.00 for two consecutive semesters may warrant dismissal from the Honors College.

MILITARY SCIENCE (ARMY ROTC)

Johnson C. Smith University offers Army Reserve Officers' Training Corps (ROTC) in cooperation with UNC-Charlotte within terms of the existing agreements between schools of the Charlotte Area Educational Consortium.

Students at Johnson C. Smith University may elect to participate in the Army Reserve Officers' Training Corps (ROTC) area as part of their academic curriculum. Students successfully completing the Military Science curriculum will receive 21 credit hours applicable toward general elective requirements and will be commissioned second lieutenants in the Regular Army, Army Reserve or National Guard. Students will normally enroll in a military science course or activity each semester.

Army ROTC is a four-year area consisting of the Basic Course (freshman and sophomore years) and the Advanced Course (junior and senior years). No military commitment is incurred for participation in the Basic Course. ROTC is open to both men and women.

Eligibility for admission into the Advanced Course is on the basis of demonstrated officer potential and a physical examination. Members of the Reserve Components, honorably discharged veterans and students with a ROTC background may be eligible for placement into the Advanced Course provided they are otherwise fully qualified. Transfer students with two or more years remaining toward degree completion may also qualify for direct entry into the Advanced Course by participation in paid summer training. Advanced Course students attend a paid six-week summer camp prior to commissioning.

All students enrolled in the Advanced Course receive tax-free subsistence allowance of \$200 per academic month. Two, three and four year

scholarships are awarded on a competitive basis. Scholarships pay tuition, fees, \$225 for books per semester as well as the monthly subsistence allowance. All uniforms and textbooks for ROTC instruction are provided at no cost to the student. The ROTC student body is organized as a corps of cadets, which sponsors several social and professional enrichment activities such as the: ROTC Honor Guard, Scabbard and Blade Society (A national military fraternity), the RAIDERS (a commando oriented organization) and the Cadet Association.

US Army Reserve Officers' Training Corps (ROTC) freshmen and sophomore classes are offered on the Johnson C. Smith University campus. Junior and senior level classes are offered at UNC-Charlotte. Enrollment for junior and senior ROTC classes is accomplished through completion of the *Charlotte Area Educational Consortium Interinstitutional Registration Form For Students Taking Courses On Another Campus*, available in the Office of the Registrar.

Participation in Army ROTC enhances the education of both men and women by providing unique leadership and management training, along with practical experience in these areas. It helps students develop many of the qualities basic to success in the Army, or in civilian careers. Students earn a college degree and an officer's commission at the same time. The program is designed to complement the student's major area of study; participation in Army ROTC is compatible with all major areas of study. The Basic Course and the Advanced Course comprise the Military Science curriculum.

Basic Course. The Basic Course is usually taken during the freshman and sophomore years. It is open to all students and incurs no military obligation. Topics include management principles, leadership development, national defense organization, land navigation, small unit tactics, survival techniques, military courtesy, First Aid and physical training. Uniforms and textbooks are provided at no cost to students. Students unable to attend the Basic Course may still qualify for the Advanced Course by attending a paid five-week summer camp following their sophomore year. Placement credit is also available for veterans, members of the reserve components, and Junior ROTC participants.

Advanced Course. The Advanced Course provides instruction in military history, advanced tactics, techniques of effective leadership, and military ethics and professionalism. It is normally taken during the junior and senior years. Students successfully completing the Basic Course, who have demonstrated the potential to become officers and meet Army physical and academic standards, are eligible to enroll in the Advanced Course. Students receive a tax-free subsistence allowance of \$200 per academic month and are required to attend a paid five-week summer camp at Fort Lewis, Washington, between their junior and senior years. In addition to Military Science courses, students must complete HIST 2120 American Military History, or a comparable history course at their home school.

NURSING SUMMER CAMP

Nursing students enrolled in the Advanced Course must also attend advanced camp between their junior and senior year. In addition, nursing students can also attend a 3 week Nursing Training Summer Program (NTSP). NTSP training may be awarded clinical credit pending department approval. The NTSP training may be at any major Army Medical Center nationwide.

SCHOLARSHIP PROGRAM

Two- and Three-year scholarships are awarded on a competitive basis, providing full tuition and educational fees, a specified amount for books and supplies, and a tax-free subsistence allowance of \$200 per academic month. Students do not have to be enrolled in Army ROTC to apply and incur no obligation by applying. Application time-frame is December to February each year. Special consideration is given to students in nursing, engineering and physical sciences. Four-year scholarships are available to students who apply while in high school or prior to enrollment.

Johnson C. Smith University, in conjunction with the Army ROTC Program, offers four full scholarships (tuition, room, board) for ROTC scholarship candidates. Candidates are selected based on ROTC performance and academic standing.

COMMISSION REQUIREMENTS

To obtain a commission in the Army, Army National Guard or Army Reserve, a student must successfully complete the Advanced Course, be recommended by the Professor of Military Science, and complete work leading to at least a baccalaureate degree.

COURSE DESCRIPTIONS

Courses for Undergraduates

- | | |
|--------|--|
| MS 101 | Basic Course I. (1) Introduction to ROTC and the U.S. Army including the rationale of the national defense structure and the mission and role of the Army. Introduction to modern theories of leadership and their application to today's environment. One lecture hour per week offered in the fall and spring semester. |
| MS 102 | Basic Leadership Laboratory I. (1) Practical work in basic military skills and physical ability development. Introduction to land navigation, drill and ceremony, communications, and the Army's standard individual weapons with emphasis upon team work and confidence building through participation in leadership activities. Three laboratory hours per week offered in the fall and spring semester. |
| MS 201 | Basic Course II. (2) Introduction to map reading techniques, small unit tactics and the role of the junior officer in troop leading. First aid in a tactical environment will be surveyed. Three lecture hours per week offered in the fall and spring semester. |

- MS 202 Basic Leadership Laboratory II. (1) Emphasis upon developing proficiency in basic military skills with students assuming leadership roles when the class functions as a military unit. Assertive, confident leadership through knowledge and practice will be stressed. Three laboratory hours per week offered in the fall and spring semester.
- MS 301 Advanced Course I. (3) Prerequisite: Basic Course or consent of the professor of military science. Introduction to the advanced ROTC area and an examination of branches of the Army, military teaching principles, management and small unit tactics, including refresher and advanced training in communications, drill and ceremonies, land navigation and physical fitness. Students must be successfully pursuing an commission in the Regular Army, Army Reserve or Army National Guard. Participation in three one-hour sessions of physical fitness weekly is mandatory. Participation in one weekend exercise and three Saturday training sessions is also required. Three lecture hours per week offered only in the fall semester.
- MS 302 Advanced Course II. (3) Prerequisite: MS 301 or consent of the professor of military science. Designed specifically to prepare cadets for attendance at advanced camp with emphasis on mastering skills necessary to operate and maintain military equipment and developing self-confidence. Three lecture hours per week offered only in the spring semester.
- MS 301L Advanced Leadership Laboratory I. (1) Practical application and additional development of military skills and leadership principles with emphasis on mastery of all previous military skills with much of the training being performance oriented. Students develop their leadership by rotating through various leadership positions during the conduct of their training. Must be taken in conjunction with MS 301 class. Three laboratory hours per week offered only in the spring semester.
- MS 302L Advanced Leadership Laboratory II. (1) Must be taken in conjunction with MS 301L classes. Practical application and additional development of military skills and leadership principles, with emphasis on mastery of all previous military skills. Much of the training is performance oriented. Students develop their leadership by rotating through various leadership positions during the conduct of their training.
- MS 401 Advanced Course III. (3) Prerequisite: MS 302. Examination of staff organization procedures and purpose including a detailed analysis of the total Army concept (Regular Army, Army Reserve, National Guard). Practical application of military briefing techniques and examination of the relationship of the Army officer and society through a survey of military history. Participation in three one-hour sessions of physical fitness weekly is mandatory. Participation in one weekend exercise and three Saturday training sessions is also required. Three lecture hours per week offered in the fall semester only.
- MS 402 Advanced Course IV. (3) Prerequisite: MS 401. Transition to Lieutenant. Emphasis is on refining cadets into a Second Lieutenant. Topics include the role of an officer as a trainer, resolution of ethical dilemmas, and refining counseling and motivational techniques. Military Law is the primary focus of the course. Participation in three one-hour sessions of physical fitness weekly is mandatory. Participation in one weekend exercise and three Saturday training sessions is also required.

- MS 401L Advanced Leadership Laboratory II. (1) Extensive practical work in military planning and instructional techniques with special emphasis upon development of applied leadership skills necessary as a commissioned officer. Must be taken in conjunction with MS 401 class. Three laboratory hours per week offered only in the spring semester.
- MS 402L Advanced Leadership Laboratory II. (1) Must be taken in conjunction with MS 402 class. Extensive practical work in military planning and instructional techniques with special emphasis on development of applied leadership skills necessary as a commissioned officer. Three laboratory hours per week offered only in the spring semester.

AIR FORCE ROTC

AFROTC Program

To prepare themselves to serve as commissioned officers in the Air Force, students may participate in the Air Force Reserve Officers' Training Corps (AFROTC) offered by the Department of Aerospace Studies from UNCC.

AEROSPACE STUDIES

Aerospace Studies prepares students for leadership positions with the United States Air Force through the **Preprofessional Program** and offers courses to all students through the **Academic Program**. The curriculum examines multidisciplinary issues as they relate to leadership participation in the military environment.

ACADEMIC PROGRAM

The academic program (without affiliation with the formal Air Force ROTC program) is designed for students interested in gaining a perspective on military leadership, management, ethics, and discipline. Students who pursue this concentration should take the courses offered at UNCC through the consortium agreement. Participation in Leadership Laboratory courses at UNCC is available by special permission from the department.

Preprofessional Program/Air Force ROTC Program. The preprofessional track of the Aerospace Studies program is implemented at the Air Force Reserve Officer Training Corps. It provides three programs for students to qualify for a commission as a second lieutenant in the Air Force. To be eligible for the Air Force ROTC preprofessional program, a student must be a citizen of the United States, be physically qualified for commission in the Air Force, not under 17 years of age and, upon graduation, no more than 30 years' of age, for those with prior military service, commissioning must occur not later than age 35. If designated for flight training, the student must be able to complete all commissioning requirements prior to age 26 1/2.

Cadets must pursue academics-leading to at least a bachelor's degree and be willing to sign a formal agreement, at the beginning of the

advanced course or upon initiation of a college scholarship. The agreement, an enlistment into the Air Force Reserve, obligates the student to remain in the ROTC program, accept a commission and serve the required period in the Air Force upon graduation. Cadets must also demonstrate proficiency or successfully complete courses in mathematical reasoning and English composition before commissioning.

Four-Year Program. This program begins with the General Military Course (GMC) and offer coursework within the lower division. GMC students not on Air Force ROTC scholarship incur no military obligation. Each candidate for commissioning must pass each GMC course with a grade of C or better and pass the requisite lab. Students must score appropriately on an Air Force aptitude test, pass a medical examination and be selected by a board of Air Force officers. If selected, the students then enrolls in the Professional Officer Course (POC), the last two years of the Air Force ROTC curriculum. Students attend a four-week field training course at an Air Force base normally between the sophomore and junior years. All students in the POC receive a tax-free stipend of \$150 a month. Upon successful completion of the POC and the requirements for a degree, the student is commissioned in the Air Force as a second lieutenant.

Two-Year Program. The basic requirement for entry into the two-year program is that the student has two academic years of college work remaining, either at the undergraduate level, or a combination of both. Applicants seeking enrollment in the two-year program must pass Air Force aptitude and medical examinations and be selected by a board, of Air Force officers. After successfully completing a five-week field training course at an Air Force base, the applicant may enroll in the Professional Officer Course (POC). Upon completion of the POC and the college requirements for a degree, the student is commissioned as a second lieutenant. All students in the two-year program receive a tax-free stipend of \$150 a month.

One-Year Program. This program is designed for students in selected majors who are completing their junior year. The designated majors are announced annually. Cadets in the one-year program complete the Professional Officer Course (POC) in approximately 15 months, which includes a 5-week field training encampment. Students attend the encampment prior to entering the program. Students can receive Air Force ROTC scholarship benefits of tuition, payments of fees and books, and a tax-free stipend of \$150 per month.

SCHOLARSHIP PROGRAMS

Air Force ROTC awards scholarships at the freshman, sophomore and junior levels. They are only provided for the professional track leading to a commission in the Air Force. They are available to qualified cadets in the one-year, two-year and four-year programs. Scholarships are given on a semester basis. Full-time enrollment in the University

or a consortium institution and the Aerospace Studies program is a requirement for scholarship eligibility. Scholarships cover full tuition, fees and books. Scholarship cadets also receive a tax-free stipend of \$150 a month.

Air Force ROTC students who accept a scholarship must agree to successfully complete at least one semester of college instruction or the equivalent in a major Indo-European or Asian language before commissioning. Scholarship recipients also are required to successfully complete an English composition course prior to entry into the junior year.

Four-year scholarships also are available to high school students. High school students interested in making application should contact the Unit Admissions Officer within the department. Initial four-year scholarship packages must be postmarked by December 1 prior to enrollment.

ADJUNCT PROGRAMS

Field Training. Two Field Training courses are offered, either of which is normally completed during the summer between the sophomore and junior years. One covers a four-week-period for students in the four-year program, the other lasts five weeks and is designed for two-year program applicants. Transportation, lodging, meals and approximately \$130 per week are provided by the Air Force during Field Training.

Leadership Laboratory. Those students pursuing the preprofessional track will participate a minimum of one hour per week during every semester of enrollment. The objective is to provide a laboratory environment where each student receives an opportunity to learn and develop leadership and management abilities. Cadets plan, organize and carry out the entire cadet program with only minimal guidance from the staff advisers.

Professional Development Program. Students enrolled in the junior and senior years of Air Force ROTC may volunteer to attend a two or three-week orientation program at an Air Force base. This is an opportunity to observe and experience the working environment of an active Air Force facility and to obtain specific career information. Transportation, lodging, meals, and approximately \$130 per week are provided by the Air Force during participation in this voluntary program.

AEROSPACE STUDIES (AERO) AT UNC-C

*Leadership Lab (LLAB)

No credit hours

LLAB is mandatory for AFROTC cadets and complements Aerospace Studies courses by providing advanced leadership experiences in officer-type activities, giving students the opportunity to apply leadership and management principles from these courses. Also includes studying the environment of an Air Force officer and learning about career opportunities for commissioned officers. (*Fall, Spring*)

- AERO 1101 The Foundation of the United States Air Force** **One credit hour**
 Survey course designed to introduce students to the United States Air Force. Featured topics include: mission and organization of the Air Force, officership, professionalism, ethics, career opportunities, and an introduction to communication skills. *(Fall)*
- *AERO 1101L The Foundation of the United States Air Force, I** **No credit hours**
 Leadership Lab (LLab). *(Fall)*
- AERO 1102 The Foundation of the United States Air Force, II** **One credit hour**
 A continuation of AERO 1101 to include the organizational structure of the Air Force, concepts of professionalism and officership, opportunities and benefits, and a continuation of basic communicative skills. *(Spring)*
- *AERO 1102L The Foundation of the United States Air Force, II** **No credit hours**
 Leadership Lab. *(Spring)*
- AERO 2101 The Evolution of USAF Air and Space Power I** **One credit hour**
 Covers general aspects of air and space power through a historical perspective from the first balloons and dirigibles to the Post Korean War era; the development of Air Force capabilities, missions, and doctrine; Principles of War and Tenets of Air and Space Power; Air Force Core Values. *(Fall)*
- *AERO 2101L The Evolution of USAF Air and Space Power I** **No credit hours**
 Leadership Lab (LLab). *(Fall)*
- AERO 2102 The Evolution of USAF Air and Space Power II** **One credit hour**
 A continuation of AERO 2101 covering the time period from the Post Korean War era to the space-age global positioning systems of the Persian Gulf War and the present and including the development of communication skills. *(Spring)*
- *AERO 2102L The Evolution of USAF Air and Space Power II** **No credit hours**
 Leadership Lab (LLab). *(Spring)*
- AERO 3101 Air Force Leadership Studies I** **Three credit hours**
 Study of leadership, management fundamentals, the Air Force officer's responsibilities in the counseling and feedback process and communication skills required on an Air Force junior officer. *(Fall)*
- *AERO 3101L Air Force Leadership Studies I** **No credit hours**
 Leadership Lab (LLab). *(Fall)*
- AERO 3102 Air Force Leadership Studies II** **Three credit hours**
 A continuation of AERO 3101 to include selected duties and responsibilities as a subordinate leader; Air Force personnel and evaluation systems; leadership ethics; theories of quality in Air Force leadership and management; and listening, speaking, and writing skills in Air Force-peculiar formats and situations. *(Spring)*
- *AERO 3102L Air Force Leadership Studies II** **No credit hours**
 Leadership Lab. *(Spring)*
- AERO 3201 National Security Affairs/Preparation for Active Duty I** **Three credit hours**
 Examines the national security process, regional studies, and Air Force doctrine. Focuses on the military as a profession, officership, civilian control of the military. *(Fall)*

***AERO 3201L National Security Affairs-Preparation for Active Duty I**

No credit hour

Leadership Lab (LLab). *(Fall)*

AERO 3202 National Security Affairs-Preparation for Active Duty II

Three credit hours

A continuation of AERO 3201: Review of air and space power functions and competencies; selected roles of the military in society; selected provisions of the military justice system; responsibility, authority, and functions of an Air Force commander; and factors which facilitate a smooth transition from civilian to military life. *(Spring)*

***AERO 3202L National Security Affairs-Preparation for Active Duty II**

***No credit hours**

Leadership Lab (LLab). *(Spring)*



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B.S., 1970, Morgan State University
M.A., 1972, Michigan State University
Ed.D., 1975, University of Massachusetts
Post doctoral fellow 1981, Center for the Study of Aging and Human Development,
Duke University Medical Center

Peter Hall (1990)Duke Distinguished Professor of
Chemistry/Physics
Honor College Core Faculty

B.A., 1954, Hobert College
M.S., 1956, Iowa State University
Ph.D., 1959, Iowa State University

Corlis Hayes (1997)Assistant Professor of Speech and Theatre
B.A., 1975, Stephen’s College
M.A., 1982, St. Louis University
Ph.D., 1993, Southern Illinois University at Carbondale

Thomas Hergert (1999) Assistant Professor of Communication Arts
Department Head

B.A., 1973, Lindenwood College
M.A., 1994, Virginia Polytechnic Institute and State University
Ph.D., 1997, Virginia Polytechnic Institute and State University

Eugene Hermitte (1973) Associate Professor of History
Honors College Core Faculty

A.B., 1966, Stanford University
Ph.D., 1974, Northwestern University

Daniel Hoffman (1984)Associate Professor of Political Science
Honors College Core Faculty

B.A., 1963, University of Chicago
L.L.B., 1966, Harvard University
Ph.D., 1977, Massachusetts Institute of Technology

Kelly Jennings (1998)Assistant Professor of English
Honors College Core Faculty

B.A., 1983, University of New Orleans
M.F.A., 1990, University of Arkansas
Ph.D., 1995, University of Arkansas

Moses W. Jones (1973)Instructor of Education
Dean University Records,
Admissions and Financial Aid

B.S., 1973, Johnson C. Smith University
M.A., 1983, Michigan State University

Rosalyn J. Jones (1976) Associate Professor of English
Dean of the College of Arts/Sciences
Honors College Core Faculty

B.A., 1974, Shaw University
M.A.T., 1975, Duke University
D.A., 1983, Middle Tennessee State

Michael Kidda (1985) Associate Professor of Psychology
B.A., 1969, Centenary College
M.Div., 1972, University of the South
M.S., 1984, University of Georgia
Ph.D., 1987, University of Georgia

- Hasaan Kirkland (2000) Assistant Professor of Art
Department of Music and Fine Arts
B.A., 1994, Washington State University
M.F.A., 1999, Washington State University
- Bessie H. Ledbetter (1967).....Assistant Professor of English
B.A., 1956, Benedict College
M.A., 1966, Northwestern University
- Donald Mager (1986) Associate Professor of English
Honors College Core Faculty
Co-Director of Liberal Arts
Mott University Professor
B.A., 1964, Drake University
M.A., 1966, Syracuse University
Ph.D., 1986, Wayne State University
- Godwin E. Mbamalu (1992).....Associate Professor of Chemistry
Honors College Core Faculty
O'Herron Distinguished Faculty
B.S., 1982, Algonquin College, Ottawa, Ontario
B.S., 1985, University of Alberta, Edmonton, Alberta
M.S., 1988, University of North Texas
Ph.D., 1991, University of North Texas
- Freda McBride (1991)..... Assistant Professor of Accounting
B.S.B.A., 1983, East Carolina University
M.B.A., 1986, Campbell University
Ph.D., 1998, Virginia Polytechnic Institute and State University
C.P.A., 1990, North Carolina
- Maxine F. Moore (1965).....James B. Duke Distinguished
Professor of English
Dean of the Honors College
Director of the Center for Integrated Studies
B.A., 1965, Johnson C. Smith University
M.A., 1969, UNC - Chapel Hill
Ph.D., 1983, Emory University
- Sunday Ndoh (1985) Associate Professor of Economics
B.S., 1976, University of Maryland
M.A., 1979, Howard University
Ph.D., 1985, Howard University
- Dennis Ogirri (1989).....Associate Professor of Political Science
Director, African-American and African Studies Program
Honors College Core Faculty
B.S., 1974, University of Ibadan, Nigeria
M.U.R.P., 1983, University of Pittsburgh
Ph.D., 1991, West Virginia University
Post-graduate studies, 1998-99, UNC - Charlotte

Appavoo Perumal (1968)..... Professor of Physics
B.S., 1958, Annamalai University
M.S., 1962, Annamalai University
Ph.D., 1966, Annamalai University

Rufus G. Pettis (1965)Professor of Mathematics
B.S., 1958, Benedict College
M.S., 1963, Atlanta University
Ed.D., 1969, Oklahoma State University

Thomas B. Priest (1983) Associate Professor of Sociology
B.A., 1968, West Chester State College
M.A., 1971, University of Delaware
Ph.D., 1979, University of Iowa

Caroll M. Purgason (1996)Assistant Professor of Speech
B.S., 1966, Appalachian State University
M.Ed., 1972, UNC - Greensboro

P.T. Radcliffe (1982)..... Associate Professor of Foreign Languages
A.B., 1965, Morgan State College
M.A., 1969, University of New Mexico
Ph.D., 1974, University of Wisconsin - Madison

Mark Reger (1989) Associate Professor of English
Interim Associate Vice President
for Academic Affairs
B.A., 1975, University of Missouri, St. Louis
M.A., 1977, University of Missouri, St. Louis
Ph.D., 1989, University of Missouri, Columbia

Henry F. Russell (1979)..... Professor of Chemistry
B.S., 1963, University of Delaware
M.S., 1965, University of Delaware
Ph.D., 1973, University of Virginia

Leszek Rzepecki (1995)..... Assistant Professor of
Mathematics and Computer Sciences
M.S., 1985, University of Warsaw, Warsaw, Poland
Ph.D., 1995, University of South Carolina, Columbia

Granville M. Sawyer, Jr. (1998)Professor of Business and Economics
Dean, School of Professional Studies
Business Administration and Economics
Department Head
B.S., 1972, University of Tennessee
M.A., 1974, Carnegie Mellon University
Ph.D., 1985, University of Tennessee

Curtina Simmons (1995) Assistant Professor
of Social Work

B.A., 1971, Newark State College, Union, New Jersey
M.S.W., 1979, UNC - Chapel Hill

Alfred R. Smith (1998) Assistant Professor of Management

B.S., 1991, Florida A & M University
M.B.A., 1992, Florida A & M University
Ph.D., 1998, Florida A & M University

Mack Staton (1989) Assistant Professor of English
Acting Department Head

B.A., 1987, Johnson C. Smith University
M.A., 1989, Iowa State
Ph.D., 1999, Indiana University

Marilyn Sutton-Haywood (1985) Interim Vice President for
Academic Affairs
Associate Professor of Biology

B.S., 1975, North Carolina Central University
M.S., 1977, Atlanta University
Ph.D., 1980, Atlanta University

Perumal Thirumurthy (1984) Assistant Professor of Economics

B.A., 1961, Annamalai University
M.S., 1963, Annamalai University
B.S., 1981, UNC - Charlotte
C.P.A., 1982, North Carolina
M.B.A., 1992, Pfeiffer College

Dwayne B. Thomas (1999) Assistant Professor of
Health and Physical Education

B.A., 1985, Bethany College
M.A., 1988, The University of Iowa
Ph.D., 1999, Florida State University

Percial M. Thomas (1975) Associate Professor of History
Special Assistant to the President

B.A., 1954, Virginia Theological Seminary and College
B.A., 1958, Virginia Union University
M.A., 1962, Teachers College, Columbia University
Ph.D., 1979, University of Virginia

Bruce A. Thompson (1988) Instructor of Music
Director of Choral Activities

B.M.A., 1983, Stillman College
M.M., 1985, Western Illinois University

Errol E. Thompson (1995) Assistant Professor
of Biology

B.S., 1984, Johnson C. Smith University
Ph.D., 1994, Howard University

Bernard M. Timberg (1998).....Associate Professor of
Communication Arts

B.A., 1971, University of California, Berkeley
M.S., 1976, Iowa State University
Ph.D., 1979, University of Texas

Joseph W. Turner (1976)..... Professor of English

B.A., 1972, Davidson College
M.A., 1975, Emory University
Ph.D., 1976, Emory University

James Varn (1997).....Assistant Professor of English

B.A., 1984, Georgia Southwestern College
M.A., 1986, University of Georgia
Ph.D., 1990, University of South Carolina

LaForest Williams (1994)..... Assistant Professor of
Education

B.A., 1963, Bennett College
M.S., 1967, Indiana University
Secondary School/Elementary School Principal and Educator

Catherine Wright (1984) Associate Professor of Health and
Physical Education
Department Head
Athletic Director

B.S., 1972, North Carolina Central University
M.H.D.L., 1984, UNC - Charlotte
Ph.D., 1992, University of Oregon

Hampton Wright (1958)Professor of Mathematics and
Computer Science

B.S., 1956, Benedict College
M.S., 1959, Howard University
Ph.D., 1973, North Carolina State University

Cassandra Wynn (1996).....Assistant Professor of Journalism

B.S., 1974, North Carolina A&T State University
M.S., 1976, Iowa State University

**Faculty on Leave*

DEGREES — JULY 1999

BACHELOR OF ARTS

CUM LAUDE

Furr, Doris..... NC

BACHELOR OF ARTS

Baird, Christoph.....CO
Brown, Erica NC
Harrow, Tiffany GA
Hill, Nafesha.....SC
Lockett, Rwanda NC
Martin, Ryan.....VA
Porter, CourtneyIL
Sarratt, Lakia NC
Sidbury, Eric..... NC
Stevens, Keshawn..... NC
Woodley, Desiree..... NC

BACHELOR OF SCIENCE

Booker, Juan..... NC
Browne, LynneMD
Fisher, Aleisha.....MD
Massey, Tia NC
McLaurin, Minyarn NC
Payne, Lisa NC
Rouse, D'Marius GA

BACHELOR OF ARTS

SUMMA CUM LAUDE

Asby, Aisha.....SC

MAGNA CUM LAUDE

Davis, CarlaDC
Eades, Melissa MI
Saunders, CrissyNY
Tate, Jennifer.....DC

CUM LAUDE

Anderson, Sony.....NJ
Bellamy, Andraka NC
Freeman, Anthony CT
Gadson-Shaw, Tohma.....NY
Gloster, Herman.....MD
Godfrey, Elisabeth NC
Johnson, Shemica..... GA
Kenny, Terri..... NC
Kirby, Leslie..... NC
Marshall, Jamila NC
McClain, AngelaSC
Merritt, Jeremiah..... MI
Moore, KimaadaIL
Moore, MoniqueDC

Reynolds, Steven.....	SC
Rich, Tasmanika.....	NY
Richardson, Ashaya.....	NY
Richardson, Steftia.....	SC
Scott, Ra'Dana	SC
Storey, Shawna.....	CA
Stuart, Vanessa.....	NY
Thompson, Tara.....	NC
Washington, Kellan	NC
Watson, Kelle.....	AZ
Williams, Angela.....	NY

BACHELOR OF ARTS

Andrews, Tanisha.....	NY
Ashley, Stephen	SC
Atterberry, Kimara	NY
Austin, Tamarah	CT
Boykins, Robert.....	NC
Brathwaite, Kristene.....	NC
Carr, Linora	VA
Cohens, Shenika.....	SC
Coleman, Rasheem	CT
Dandridge, Nikki.....	VA
Dickerson, Justin.....	MD
Dorsey, Duvane	NC
Evans, Ahmed	VA
Grant, Quintella	SC
Harrison, Brian.....	SC
Hayes, Ron'Jent.....	NC
Hopkins, Sebastian	SC
Jackson, Sharon	NC
Jenkins, Kendrick.....	NC
Jordan, Elizabeth.....	MD
Joyner, Jr., Edward	NC
King, Cherice	CT
Lewis, Victoria.....	NJ
Limerick, Karen.....	FL
Lipkins, Gregory	NC
Matthews, Nakisha.....	MD
McCombs, Demond.....	NC
Mims, Larry	NC
Powell, Justin.....	WA
Raqib, Muhammad	NC
Reid, Courtney	NC
Richardson, Mario	DC
Ricketts, Alicia.....	CT
Wallace, Calvin	NC
Whaley, Nicole.....	SC
Wiggs, Alexander	NC
Williams, Erica	NC
Williams, Keona.....	VA
Wilson, William	MD
Woodham, Matthew.....	SC

BACHELOR OF SCIENCE

SUMMA CUM LAUDE

Mooney, Othega.....	MA
Washington, Alicia	NC

CUM LAUDE

Abdur-Rashid, Muhammad.....	NC
Alexander, Latrice	NC
Alford, Chyvonne.....	SC
Andrews, Imani	CA
Beckles, Everlyn.....	VI
Brown, Teresa.....	NC
Cazenave, Chacora	CA
Clarke, Robert.....	NY
Davis, Abigail.....	BA
Fletcher, Lois	FL
Henderson, Cornelius	CT
Hodge, Kizzy.....	NY
McAllister, Michelle	PA
Mitchell, Ralston	NJ
Parks, Chaunita	MD
Richburg, Lauakia.....	SC
Rogers, Gabriel.....	CT
Scott, Shamika	SC
Settle, Kimberly.....	GA
Settle, Lisa	GA
Timothy, Kassandar	PA
Vigil, Michelle	NC
Williams, Maisha	NC

BACHELOR OF SCIENCE

Baker, Fafa	VA
Bannis, Roschelle	FL
Beasley, Nico	CT
Benson, Derrick.....	DE
Black, James	SC
Brathwaite, Kristene.....	NC
Brown, Catrina	SC
Butler, Ebony	LA
Calhoun, Adrian	NY
Clark, Tommy	NC
Cowan, Demetric	SC
Davis, Lawanna	IN
Desamour, Sabine.....	NC
Dillard, Derrick	SC
Dula, Amy.....	NC
Durant, Eric	SC
Fitch, Jacquelin.....	NY
Gaines, Marcus.....	NC
Gamble, Colden	SC
Gholson, Courtney	CA
Haley, Triva	NC
Hannah, Lushan.....	VA
Harden, Ida.....	NC
Harris, Tanikka	VA
Hasan, Najmah.....	NC
Henry, Antonio	NC
Howard, Myesha	NC
Hunter, Gary	NC
Jamerson, Miller.....	NC
Jenkins III, George.....	SC
Johnson, Halvern	FL

Jones, Tasha	NC
Knowlin, Thjuan	SC
Kornegay, Quiana.....	MD
Lowther, Jada	DC
Manigault, Jerrod.....	SC
May, LaShawna.....	NY
McDuffie, Willie.....	SC
Muhammad, Jasmeen	NJ
Murphy, Anthony.....	VA
Norris, Sheikia.....	NJ
Reese, Gerard	GA
Rose, Michael.....	CT
Simms, Tennille.....	NJ
Sumpter, Tea'cus.....	NC
Taylor, Terry	SC
Thomas, Jelani.....	FL
Walls, Charles.....	IL
Woods, Rashaad.....	NC
Young, Tenise.....	NC

BACHELOR OF SOCIAL WORK

CUM LAUDE

Sinclair, Jennifer	CT
--------------------------	----

BACHELOR OF SOCIAL WORK

Cofield, Tiffany	CT
Edwards, Kesha	NC
Frazier, LaNiece	SC
Harper, Juanita.....	SC
Harrod, Nikia	DC
Hollis, Jennipha.....	MA
Moore, Jacquelyn	DC
Pitchford, Rekita	NC
Price, Gloria	NC
Redden, Makeshia	SC
Seymore, Shavonda.....	NC

GEOGRAPHICAL DISTRIBUTION
(Fall Semester 1999)

STATE	Fresh	Av Fresh	Soph	Junior	Senior	DL	Special	Transfer	Exchange	Total
92199										
AZ					2					2
CA	6	3	7	7	2			1		26
CT	16	7	9	4	10			2		48
DE		1	2	3	1			1		8
Dist./Colu	31	6	10	6	10					63
FL	10	3	3	8	9			2		35
GA	27	17	16	9	6			2		77
IL	5	2	4	5	2			1		19
IN	1				1					2
KY	1									1
LA					1					1
MD	60	21	19	11	7		1			119
MA	1	1	3		2					7
MI	5	1	2	1	1					10
MN	4	1								5
MS	1	1								2
NH	1									1
NJ	19	9	13	9	5			1		56
NY	37	16	26	19	18			2		118
NC	123	38	58	43	51	42	1	20		376
OH	3	3	6	5						17
OK			1							1
OR	2	4	1							7
PA	34	14	21	7	3			1		80
RI			1							1
SC	132	38	57	35	31			8		301
TN				1	1					2
TX	1		3	2						6
VA	50	12	17	5	9					93
WA	1		1		1					3
WI	5		4	2	2					13
Australia									1	1
Bahamas	1		2	1	1					5
Ireland									2	2
Japan									2	2
Morocco									1	1
Romania									1	1
Russia									2	2
U Arab Emi	1									1
V Islands	17	7	5	2						31
TOTAL	595	205	291	185	176	42	2	41	9	1546

GENERAL NUMERICAL SUMMARY
Fall 1998 - Spring 1999 - Summer 1999
(Unduplicated)

	Men		Women		Total		G/Total
	F'98	S'99	F'98	S'99	F'98	S'99	F'98 & S'99
Senior	113	1	137	3	250	4	254
Junior	73		118		191		191
Sophomore	86	7	172	10	258	17	275
Advanced Freshman	80	5	96	3	176	8	184
Freshman	220	14	262	25	482	39	521
Div. of Lifelong Learning	7	5	26	36	33	41	74
Exchange	2	2	4	2	6	4	10
Consortium							
Transfers	24	9	21	13	45	22	67
Special	1	1		3	1	4	5
Graduate	1				1		2
Total/Regular	607	44	836	95	1443	139	1582
Offsetting Totals	-607	-44	-836	-95	-1443	-139	-1582
Summer Session		134		211		345	345
Duplications		-124		-186		-258	-310
Non/Duplications		10		25		35	35
Offsetting Totals		-10		-25		-35	-35
Total for Academic Year	607	54	836	120	1443	226	1617

GEOGRAPHICAL DISTRIBUTION OF STUDENTS **(Spring Semester 2000)**

STATE	Fresh	Av Fresh	Soph	Junior	Senior	DL	Special	Transfer	Exchange	Total
2222000										
AZ										
CA	4									4
CO				2	1					3
CT	16	2	6	11	9			3		47
DE		2	2	1	1					6
Dist./Colu	31	7	9	9	16					72
FL	7	2	9	6	14			1		39
GA	24	3	14	4	10			3		58
IL	5	3	7	1				1		17
IN		1	1							2
KY				1						1
LA				1						1
MD	48	2	23	16	6			1		96
MA	2	1	2	2	1					8
MI	4	4		1	6					15
MN	4									4
MS				1						1
NH	1									1
NJ	13	10	24	15	6					68
NY	35		31	18	25					109
NC	106	55	53	46	48	51	1	6		366
OH	4	2	5	6						17
OK			1							1
OR	2	3	1	1						7
PA	32	1	35	15	4					87
RI				1						1
SC	111	1	64	42	41	3		3		265
TN		1		1						2
TX	1	1	2	2	1					7
VA	41		34	10	15					100
WA	1									1
WV		1								1
WI	5		2	2	2					11
Australia									1	1
Bahamas	1	1	1	1						4
Bermuda					1					1
Ireland									2	2
Japan									2	2
Morocco									2	2
Russia									4	4
U Arab Emi	1									1
V Islands	17	2	9	1	1					30
TOTAL	516	105	335	217	208	54	1	18	11	1465

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